

# New Jersey

## Gas

### Implementation

### Guideline

For

Electronic Data Interchange

TRANSACTION SET

# 814

## Change

## Request and Response

## Ver/Rel 004010

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## Summary of Changes

February 22, 2000 Version 1.0	<ul style="list-style-type: none"> <li>Initial Release</li> </ul>
March 29, 2000 Version 1.1	<ul style="list-style-type: none"> <li>Corrected examples, changed LDC to GDC, corrected spelling errors.</li> </ul>
May 24, 2000 Version 1.2	<ul style="list-style-type: none"> <li>Instituted redlining of the document.</li> <li>Deleted examples that do not pertain to New Jersey.</li> <li>Deleted codes that are not applicable to New Jersey.</li> <li>Corrected units of measure to reflect natural gas.</li> </ul>
June 13, 2000 Version 1.3	<ul style="list-style-type: none"> <li>Changed NJ Notes section to reflect new change types required for New Jersey Natural Gas</li> <li>Updated change codes to reflect options applicable for natural gas in New Jersey</li> <li>Moved ESP rate code information from the account to the meter level</li> <li>Moved ESP rate amount information from the account to the meter level</li> <li>Added REF segments to incorporate New Jersey Natural Gas requirements: <ul style="list-style-type: none"> <li>REF*PRT – Capacity Release Option</li> <li>REF*BN – ESP Rate Amount</li> <li>REF*DQ – Highest Month Average Daily (HMAD)</li> <li>REF*SJ – Maximum Daily Quantity (MDQ)</li> </ul> </li> <li>Deleted “COMBO” as a valid measurement type</li> <li>Modified notes on REF*NH and REF*PR to reflect New Jersey Natural Gas requirements: <ul style="list-style-type: none"> <li>Supplier may send REF*NH to indicate Transportation Service Type</li> <li>Supplier may send REF*PR to indicate Temperature Sensitive Delivery option</li> </ul> </li> </ul>
December 15, 2000 Version 1.4	<ul style="list-style-type: none"> <li>Added segment REF* SJ New Jersey Natural Gas requirements to add note on REF03</li> </ul>
May 24, 2000 Version 1.5	<ul style="list-style-type: none"> <li>Segment REF*BN (Rate Amount) moved REF03 description to REF02 and deleted REF03</li> <li>Clarified NJ Use on segment REF*RB</li> <li>Modified notes on segment REF*NH to clarify NJNG transportation service options and updated examples.</li> <li>Modified notes on segment REF*SJ to clarify NJNG transportation service options.</li> <li>Segment REF*NH updated examples.</li> <li>Segment REF*PR, clarified NJNG use note and updated example</li> <li>Segment REF*PRT, corrected element name</li> <li>Added Table of Contents.</li> <li>Added Data Dictionary.</li> <li>Alphabetized REF segments at logical levels.</li> <li>Changed REF*PRT use valid values to Y,N and updated data dictionary to reflect change</li> </ul>
June 21, 2001 Version 1.6	<ul style="list-style-type: none"> <li>Removed note referencing SJG on segment REF*BN</li> <li>Added “Tracking number on Request and Response transactions” note in Notes section.</li> <li>Corrected Use Note on Segment REF*11 (ESP Account Number)</li> <li>Updated note “Unknown LIN05 codes” in Notes section</li> </ul>

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August 8, 2001 Version 1.7	PSEG CAS changes	<ul style="list-style-type: none"> <li>NJ Notes – added Billing type to <u>GDC</u> changes page 13</li> <li>REF*7G (rejection Reason Code) update code “CO2” to also be valid in NJ page 51</li> </ul>	Deleted: LDC
March 27, 2002 Version 1.8	<ul style="list-style-type: none"> <li><u>Corrected Use Note on Segment REF*45 (Old GDC Account Number)</u></li> <li><u>Added Examples for Change of GDC Account Number</u></li> </ul>		Formatted: Bullets and Numbering
April 30, 2002 Version 1.8.1	<ul style="list-style-type: none"> <li><u>Modified NJ Use; notes to clarify, this was done due to TPS misunderstanding of notes that became apparent during EDI Certification testing</u></li> <li><u>Corrected examples, changed LDC to GDC, corrected spelling errors.</u></li> <li><u>Removed reference to other states</u></li> </ul>		Formatted: Bullets and Numbering
December 12, 2003 Version 1.9	<ul style="list-style-type: none"> <li><u>Changes by State – Required Implementation Date page update for PSE&amp;G 2/2004</u></li> <li><u>Implementation Date</u> <ul style="list-style-type: none"> <li><u>NM1MA – Meter Addition</u></li> <li><u>NM1MR – Meter Removal</u></li> <li><u>NM1MX – Meter Exchange</u></li> </ul> </li> </ul>		Formatted: Bullets and Numbering
March 17, 2004 Version 1.9.1	<ul style="list-style-type: none"> <li><u>Modified segment REF* SJ New Jersey Natural Gas to make REF03 optional</u></li> </ul>		Formatted: Bullets and Numbering

## Notes

One Account per 814	<ul style="list-style-type: none"> <li>One customer account per 814.</li> </ul>
Tracking number on Request and Response transactions	<ul style="list-style-type: none"> <li>On the request, the LIN01 is a unique tracking number for each line item (LIN) in this transaction. This number must be unique over all time, and is assigned by the sender of the request transactions. This number must be returned on the response transaction (accept or reject), in the same element (LIN01).</li> </ul>
Multiple LINs	<ul style="list-style-type: none"> <li>There may be multiple detail LIN loops for each customer account.</li> <li>It is important that the sender order the LIN loops in the order they would like them processed for all primary services.</li> <li>Refer to the LIN segment within this document for a better understanding of primary and secondary services.</li> <li>The sender may send one service per account per 814 instead of using multiple LIN segments.</li> </ul>
Response per LIN	<ul style="list-style-type: none"> <li>There must be one response LIN for each request LIN.</li> <li>These responses may be created and sent at different times in different 814 transactions, but all LINs must be responded to within the time limits set by the Commission.</li> </ul>
Unknown LIN05 codes	<p><b>Preferred:</b></p> <ul style="list-style-type: none"> <li>If an GDC receives a request for a service that it does not support (whether the state supports it or not), the GDC should <b>reject</b> it with a REF*7G*SDE*SERVICE DOES NOT EXIST</li> </ul> <p><b>Optional:</b></p> <ul style="list-style-type: none"> <li>If an GDC receives a request for a service that it does not support (whether the state supports it or not), the GDC should <b>accept</b> it, but then send a status code REF*1P*SNP*SERVICE NOT PROVIDED</li> </ul>
Rejection vs. Acceptance with Status Reason code	<ul style="list-style-type: none"> <li>A Status Reason code is different than a Rejection Reason code. The Status Reason code is used to give additional information to the receiving party (an FYI). For example, if a request for Historical Usage is sent and the transaction is valid, but historical usage is not available for that customer, the transaction is accepted and a status reason code is provided to explain that the historical usage will not be sent. If a transaction is rejected, the requester is expected to follow up and resubmit; whereas if a transaction is accepted with a status reason code, the requester is not expected to take any further action.</li> </ul>
GDC Definitions:	<ul style="list-style-type: none"> <li>The term GDC (Gas Distribution Company) in this document refers to the utility.</li> </ul>
ESP Definitions:	<ul style="list-style-type: none"> <li>The term ESP (Energy Service Provider) in this document refers to the supplier.</li> </ul>

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## Change Transaction Detailed Notes:

Meter Additions,  
Removals, Exchanges  
and Meter Level  
Information Changes

### Assumptions:

1. There will be only one NM1 Loop per Meter or Unmetered Service (i.e., if a meter has multiple units of measure, they will all be represented within the one NM1 loop).
2. The NM101 indicates the action to be taken for the specified meter
3. If a meter reading date (meter reading cycle) is changed, GDC may need to notify any suppliers of the consequent change in their effective start or end dates. GDC will send these changes (REFTZ, REFBF, and either DTM150 or DTM151) concurrently and along with effective start or end date.

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### 4. What must be sent?

- Meter Addition:  
NM1\*MA  
REF\*TD\*NMI1MA  
All Meter Level Information for the new meter

- Meter Level Information Change:
  - For change in the items listed below:  
Load Profile (REF\*LO) \*  
GDC Rate Class (REF\*NH) \*  
GDC Rate Subclass (REF\*PR) \*  
ESP Rate Code (REF\*RB)  
Meter Cycle (REF\*TZ)

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The following must be sent:

NM1\*MQ  
REF\*TD(s) associated with segment(s) listed above  
Item that is changing

\* The Load Profile, GDC Rate Class and GDC Rate Subclass may be sent in combination on one 814 Change transaction or separately.

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- For change in the meter attributes listed below:

Meter Type (REF\*MT)  
Meter Constant (REF\*4P)  
Number of Dials (REF\*IX)  
Information Sent on 867 (REF\*TU)

The following must be sent:

NM1\*MQ  
REF\*TD\*NMI1MQ  
REF\*MT  
REF\*4P for each Unit of Measure  
REF\*IX fore each Unit of Measure  
REF\*TU for each Meter Type for each Unit of Measure

\* Note that a change in any one of these attributes requires that all attributes be resent.

- Meter Removal:  
NM1\*MR  
REF\*TD\*NMI1MR

### Meter Exchange :

The following must be sent :

NM1\*MX  
REF\*TD\*NMI1MX (Required for Request, Optional for Response)  
REF\*MT

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	<p>REF*4P REF*IX REF*TU REF*LO REF*NH REF*PR REF*RB REF*TZ REF*46 (implies meter removed)</p> <p>5. Expectations:</p> <ul style="list-style-type: none"> <li>• <b>Add Meter(s):</b> One NM1*MA Loop for each meter added</li> <li>• <b>Meter Level Information Change</b></li> <li>• One NM1*MQ Loop with the appropriate change(s) for that meter. Please see rules regarding which changes may be sent in combination.</li> <li>• <b>Remove Meter(s):</b> One NM1*MR Loop for each meter removed</li> <li>• <b>1-to-1 Exchange:</b> One old meter replaced with one new meter One NM1*MX Loop</li> <li>• <b>1-to-2 Exchange:</b> One old meter replaced with two new meters One NM1*MX Loop, One NM1*MA Loop for the meter being added</li> <li>• <b>2-to-1 Exchange:</b> Two old meters replaced with one new meter One NM1*MX Loop including the old meter number of the meter exchanged One NM1*MR Loop for the meter being replaced.</li> </ul>
Use of REF*TD segment	<ul style="list-style-type: none"> <li>• The REF*TD segment is used to indicate to the receiver what type of change to expect. At least one REF*TD is required on a Request transaction. The REF*TD(s) may optionally be returned on the Response transaction.</li> <li>• The REF*TD will be located in one of two locations within the document. <ul style="list-style-type: none"> <li>• Any field that changes within the Header or LIN level will have the associated REF*TD in the LIN loop</li> <li>• Any field that changes within the NM1 loop will have the associated REF*TD in the NM1 loop.</li> </ul> </li> <li>• Example: If ESP account number is being changed, the document will contain a segment REF*TD*REF11 as well as the associated REF*11 segment with the new ESP Account Number (REF*11*2349710802189)</li> </ul>
Changing Billing related fields as it relates to one change per LIN	<p>The transaction is intended to have only one change per LIN loop. It is recognized that there are a few fields that must be sent in conjunction with each other to take effect. The only valid fields that may be sent in combination are the ones documented here. If any other changes are sent in combination within one LIN/NM1 loop, they may be rejected by the receiving party.</p> <ul style="list-style-type: none"> <li>• Change from DUAL Bill to <u>GDC</u> Rate Ready <ul style="list-style-type: none"> <li>• Following REF*TD codes must be sent: REF*TD*REFBLT, REF*TD*REFPC, REF*TD*REFRB, and REF*TD*AMTDP <b>Note:</b> REF*TD*REFRB is in NM1 loop.</li> <li>• Following fields must be sent: Bill type (REF*BLT), Bill Calculator (REF*PC), ESP Rate Code (REF*RB), Tax Exemption Percent (AMT*DP).</li> </ul> </li> <li>• Change from DUAL Bill to <u>GDC</u> Bill Ready <ul style="list-style-type: none"> <li>• Following REF*TD code must be sent: REF*TD*REFBLT</li> <li>• Following field must be sent: Bill type (REF*BLT)</li> </ul> </li> <li>• Change from <u>GDC</u> Rate Ready to DUAL Bill <ul style="list-style-type: none"> <li>• Following REF*TD codes must be sent: REF*TD*REFBLT and REF*TD*REFPC</li> <li>• Following fields must be sent: Bill type (REF*BLT), Bill Calculator (REF*PC)</li> </ul> </li> </ul>

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	<ul style="list-style-type: none"><li>• <u>GDC</u> will initialize following fields - ESP Rate Code (REF*RB), Tax Exemption Percent (AMT*DP). [In NJ Rockland Electric will initialize ESP Rate amount (AMT*RJ)]</li><li>• Change from <u>GDC</u> Bill Ready to DUAL Bill<ul style="list-style-type: none"><li>• Following REF*TD codes must be sent: REF*TD*REFBLT</li><li>• Following field must be sent: Bill type (REF*BLT)</li></ul></li><li>• Change from <u>GDC</u> Bill Ready to <u>GDC</u> Rate Ready Bill<ul style="list-style-type: none"><li>• Following REF*TD code must be sent: REF*TD*REFPC</li><li>• Following field must be sent: Bill Calculator (REF*PC)</li></ul></li><li>• Change from <u>GDC</u> Rate Ready to <u>GDC</u> Bill Ready Bill<ul style="list-style-type: none"><li>• Following REF*TD codes must be sent: REF*TD*REFPC, REF*TD*REFRB, REF*TD*AMTDP <b>Note:</b> REF*TD*REFRB is in NM1 loop.</li><li>• Following field must be sent: Bill Calculator (REF*PC), ESP Rate Code (REF*RB), Tax Exemption Percent (AMT*DP)</li></ul></li><li>• If customer is already <u>GDC</u> Rate Ready, and only the ESP Rate Code (REF*RB) is changing, this may be sent alone. The associated REF*TD will be REF*TD*REFRB.</li><li>• If customer is already <u>GDC</u> Rate Ready, and only the Tax Exemption Percent (AMT*DP) is changing, this may be sent alone. The associated REF*TD will be REF*TD*AMTDP.</li></ul>
Response Transaction	<ul style="list-style-type: none"><li>• The Change Response Transaction will be formatted as follows:<ul style="list-style-type: none"><li>• An Accept Response will provide the "Required" fields and the optionally REF*TD(s) from the Request Transaction. It will not provide the segment that was changed.</li><li>• A Reject Response will provide the "Required" fields, the rejection reason and optionally the REF*TD(s) from the Request Transaction. It may also provide, optionally, the segments that were in error.</li></ul></li></ul>
Adding ESP Account Number	<ul style="list-style-type: none"><li>• Note that the change transaction may be used to request that the <u>GDC</u> start to carry the ESP account number, if one had not been provided on the initial Enrollment Request transaction.</li></ul>

## NJ Notes

### GDC Initiated Changes

- If the following fields are changed within the utility's system, a supporting 814 Change document must be sent to the supplier:

- GDC account number
- Meter read cycle
- Billing cycle
- Billing Type
- HMAD value (New Jersey Natural Gas only)
- MDQ value (New Jersey Natural Gas only)

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All other changes are considered optional upon market opening. They may be made mandatory at a later time.

### ESP Initiated Changes

- The utilities must support receiving the following changes:
  - ESP account number
  - Billing determinants of Bill type, Bill Calculator, ESP Rate Code (Rate Ready), tax exemption percent (Rate Ready), ESP Rate Amount (Rate Ready)
  - Temperature Sensitive Delivery Option (New Jersey Natural Gas only)
  - Capacity Release Option (New Jersey Natural Gas only)

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## How to Use the Implementation Guideline

**Segment:** **REF** **Reference Identification**

**Position:** 030

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

This section is used to show the X12 Rules for this segment. You must look further into the grayboxes below for State Rules.

<b>Notes:</b>	Recommended by UIG
<b>PA Use:</b>	Must be identical to account number as it appears on the customer's bill, excluding punctuation (spaces, dashes, etc.). Significant leading and trailing zeros must be included.
	Request: Required
	Accept Response: Required
	Reject Response: Required
<b>NJ Use:</b>	Same as PA
<b>Example:</b>	REF*12*2931839200

The "Notes:" section generally contains notes by the Utility Industry Group (UIG).

This section is used to show the individual State's Rules for implementation of this segment.

One or more examples.

### Data Element Summary

Must Use	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
		12	Billing Account	
			GDC assigned account number for end use customer.	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as d for a particular Transaction Set or as specified by the Reference Identification Qualifier	

This column shows the use of each data element. If state rules differ, this will show "Conditional" and the conditions will be explained in the appropriate grayboxes.

These are X12 code descriptions, which often do not relate to the information we are trying to send. Unfortunately, X12 cannot keep up with our code needs so we often change the meanings of existing codes. See graybox for the UIG or state definitions.

This column shows the X12 attributes for each data element. Please refer to Data Dictionary for individual state rules.

M = Mandatory, O = Optional, X = Conditional

AN = Alphanumeric, N# = Decimal value, ID = Identification, R = Real

1/30 = Minimum 1, Maximum 30

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# 814 General Request, Response or Confirmation

## X12 Structure

Functional Group ID=GE

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
	040	N1	Name	O	1		n1
	060	N3	Address Information	O	2		
	070	N4	Geographic Location	O	1		
	080	PER	Administrative Communications Contact	O	>1		

### Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			>1	
	010	LIN	Item Identification	O	1		
	020	ASI	Action or Status Indicator	O	1		
	030	REF	Reference Identification	O	>1		
	040	DTM	Date/Time Reference	O	>1		
	060	AMT	Monetary Amount	O	>1		
			LOOP ID - NM1			>1	
	080	NM1	Individual or Organizational Name	O	1		n2
	130	REF	Reference Identification	O	>1		
Must Use	150	SE	Transaction Set Trailer	M	1		

### Transaction Set Notes:

- The N1 loop is used to identify the transaction sender and receiver.

## Data Dictionary for 814 Change

<i>Appl Field</i>	<i>Field Name</i>	<i>Description</i>	<i>EDI Segment</i>	<i>Loop / Related EDI Qualifier</i>	<i>Data Type</i>
1.	Transaction Set Purpose Code	Request = <b>13</b> Response = <b>11</b>	BGN01		X(2)
2.	Transaction Reference Number	A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.	BGN02		X(30)
3.	System Date	Date that the data was processed by the sender's application system.	BGN03		9(8)
4.	Original Transaction Reference Number	Transaction Reference Number echoed from the Original Request Transaction (BGN02).	BGN06		X(30)
5.	GDC Name	GDC's Name	N102	N1: N101 = <b>8S</b>	X(60)
6.	GDC Duns	GDC's DUNS Number or DUNS+4 Number	N104	N1: N101 = <b>8S</b> N103 = <b>1</b> or <b>9</b> N106 = <b>40</b> or <b>41</b>	X(13)
7.	ESP Name	ESP's Name	N102	N1: N101 = <b>SJ</b>	X(60)
8.	ESP Duns	ESP's DUNS Number or DUNS+4 Number	N104	N1: N101 = <b>SJ</b> N103 = <b>1</b> or <b>9</b> N106 = <b>40</b> or <b>41</b>	X(13)
9.	Customer Name	Customer Name as it appears on the Customer's Bill	N102	N1: N101 = <b>8R</b>	X(60)
10.	Customer Reference Number	A reference number assigned by and meaningful to the customer. An example would be Store number	N104	N1: N101 = <b>8R</b> N103 = <b>1</b> or <b>9</b>	X(30)
11.	Service Address	Customer Service Address	N301 & N302	N1: N101 = <b>8R</b>	X(55)
12.	City	Customer Service Address	N401	N1: N101 = <b>8R</b>	X(30)
13.	State	Customer Service Address	N402	N1: N101 = <b>8R</b>	X(2)
14.	Zip Code	Customer Service Address	N403	N1: N101 = <b>8R</b>	X(9)
15.	Name	Contact Name	PER02	PER: PER01=IC	X(30)
16.	Customer Email address	Contact email address for the customer	PER04	N1: N101 = <b>8R</b> PER01 = <b>IC</b> PER03 = <b>FM</b>	X(80)
17.	Customer Fax Number	Contact Fax Number for the customer	PER06	N1: N101 = <b>8R</b> PER01 = <b>IC</b> PER05 = <b>FX</b>	X(80)
18.	Customer Telephone Number	Contact Telephone Number for the customer	PER08	N1: N101 = <b>8R</b>	X(10)

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				PER01 = <b>IC</b> PER07 = <b>TE</b>	
19.	Customer Billing Name	Name on Billing Address	N102	N1: N101 = <b>BT</b>	X(60)
20.	Customer Billing Street Address	Customer Billing Address	N301 & N302	N1: N101 = <b>BT</b>	X(55)
21.	Billing City	Customer Billing Address	N401	N1: N101 = <b>BT</b>	X(30)
22.	Billing State	Customer Billing Address	N402	N1: N101 = <b>BT</b>	X(2)
23.	Billing Zip Code	Customer Billing Address	N403	N1: N101 = <b>BT</b>	X(9)
24.	Billing Country Code	Customer Billing Address	N404	N1: N101 = <b>BT</b>	X(3)
25.	Name	Contact Name	PER02	PER: PER01= <b>IC</b>	X(30)
26.	Billing Contact Name	Billing Contact Name	PER02	N1: N101 = <b>8T</b> PER01= <b>IC</b>	X(60)
27.	Billing Email address	Billing email address for the customer	PER04	N1: N101 = <b>BT</b> PER01 = <b>IC</b> PER03 = <b>FM</b>	X(80)
28.	Billing Fax Number	Billing Fax Number for the customer	PER06	N1: N101 = <b>BT</b> PER01 = <b>IC</b> PER05 = <b>FX</b>	X(80)
29.	Billing Telephone #	Billing Telephone Number related to this billing address	PER08	N1: N101 = <b>BT</b> PER01 = <b>IC</b> PER07 = <b>TE</b>	X(10)
30.	Third Party Name for copies of notices	Name for Third Party to receive copies of notices	N102	N1: N101 = <b>PK</b>	X(60)
31.	Street Address	Address for Third Party to receive copies of notices	N301 & N302	N1: N101 = <b>PK</b>	X(55)
32.	City	Address for Third Party to receive copies of notices	N401	N1: N101 = <b>PK</b>	X(30)
33.	State	Address for Third Party to receive copies of notices	N402	N1: N101 = <b>PK</b>	X(2)
34.	Zip Code	Address for Third Party to receive copies of notices	N403	N1: N101 = <b>PK</b>	X(9)
35.	Country Code	Address for Third Party to receive copies of notices	N404	N1: N101 = <b>PK</b>	X(3)
36.	Third Party Contact Name	Third Party Contact Name	PER02	N1: N101 = <b>PK</b> PER: PER01= <b>IC</b>	X(30)
37.	Third Party Email address	Third Party email address for the customer	PER04	N1: N101 = <b>PK</b> PER01 = <b>IC</b> PER03 = <b>FM</b>	X(80)
38.	Third Party Fax Number	Third Party Number for the customer	PER06	N1: N101 = <b>PK</b> PER01 = <b>IC</b> PER05 = <b>FX</b>	X(80)

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39.	Third Party Telephone #	Third Party Telephone Number related to this billing address	PER08	N1: N101 = <b>PK</b> PER01 = <b>IC</b> PER07 = <b>TE</b>	X(10)
40.	Co-Participant	Used to identify a third party who shares responsibility for payment of the customer's bill. This party will receive copies of all bills, not notices.	N102	N1: N101 = <b>2C</b>	X(60)
41.	Street Address	Address for Third Party to receive copies of notices	N301 & N302	N1: N101 = <b>2C</b>	X(55)
42.	City	Address for Third Party to receive copies of notices	N401	N1: N101 = <b>2C</b>	X(30)
43.	State	Address for Third Party to receive copies of notices	N402	N1: N101 = <b>2C</b>	X(2)
44.	Zip Code	Address for Third Party to receive copies of notices	N403	N1: N101 = <b>2C</b>	X(9)
45.	Country Code	Address for Third Party to receive copies of notices	N404	N1: N101 = <b>2C</b>	X(3)
46.	Co-Participant Contact Name	Co-Participant Contact Name	PER02	N1: N101 = <b>2C</b> PER: PER01= <b>IC</b>	X(30)
47.	Co-Participant Email address	Co-Participant email address for the customer	PER04	N1: N101 = <b>2C</b> PER01 = <b>IC</b> PER03 = <b>FM</b>	X(80)
48.	Co-Participant Fax Number	Co-Participant Number for the customer	PER06	N1: N101 = <b>2C</b> PER01 = <b>IC</b> PER05 = <b>FX</b>	X(80)
49.	Co-Participant Telephone #	Co-Participant Telephone Number related to this billing address	PER08	N1: N101 = <b>2C</b> PER01 = <b>IC</b> PER07 = <b>TE</b>	X(10)
50.	Line Item Transaction Reference Number	Unique Tracking Number for each line item in this transaction. This number must be unique over time.	LIN01		X(20)
51.	Generation Services Indicator	Indicates a customer request to switch to the designated ESP with which he or she has signed a contract for generation services.	LIN05 = <b>CE</b>	LIN02 = <b>SH</b> LIN03 = <b>GAS</b> LIN04 = <b>SH</b>	X(2)
52.	Action Code	Indicates that the transaction is a request, or whether this transaction has been accepted or rejected.	ASI01 = Request: <b>7</b> Accept Response: <b>WQ</b> Reject Response: <b>U</b>	LIN: ASI02 = <b>001</b>	X(2)
<b>Note that the following REF segments may appear in any order on the actual EDI transaction.</b>					
53.	Rejection Reason Code	Code explaining reason for rejection.	REF02	LIN: REF01 = <b>7G</b>	X(3)
54.	Rejection Reason Text	Text explaining rejection.	REF03	LIN: REF01 = <b>7G</b>	X(80)
55.	Status Reason Code	This is used to convey status reason codes on a request and Response to a Request.	REF02	LIN: REF01 = <b>1P</b>	X(3)

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56.	Status Reason Text	Text to provide status information.	REF03	LIN: REF01= <b>1P</b>	X(80)
57.	Reason for Change	Code explaining reason for change. This will apply to changes for all fields, except where the fields reside in the NM1 loop (meter level information)	REF02	LIN: REF01= <b>TD</b>	X(30)
58.	ESP Account Number	ESP Customer Account Number	REF02	LIN: REF01= <b>11</b>	X(30)
59.	GDC Account Number	GDC Customer Account Number	REF02	LIN: REF01= <b>12</b>	X(30)
60.	Old Account Number	Previous GDC Customer Account Number	REF02	LIN: REF01= <b>45</b>	X(30)
61.	GDC Billing Cycle	GDC Cycle on which the bill will be rendered	REF02	LIN: REF01= <b>BF</b>	X(2)
62.	Billing Type	Indicates type of billing - GDC consolidated Billing (REF02= <b>GDC</b> ) - ESP consolidated Billing (REF02=ESP) - Dual bills (REF02=DUAL)	REF02	LIN: REF01= <b>BLT</b>	X(4)
63.	Billing Calculation Method	Indicates party to calculate bill. - GDC calculates bill (REF02= <b>GDC</b> ) - Each party calculates its portion of the bill (REF02=DUAL)	REF02	LIN: REF01= <b>PC</b>	X(4)
64.	Change Effective Date	The date that this change will take or has taken effect	DTM02	LIN: DTM01= <b>007</b>	9(8)
65.	Service Period Start	Date on which energy is expected to flow to this customer for the designated ESP.	DTM02	LIN: DTM01= <b>150</b>	9(8)
66.	Service Period End	Date on which energy is expected to stop flowing to this customer from the designated ESP.	DTM02	LIN: DTM01= <b>151</b>	9(8)
<i>Note that the following AMT segments may appear in any order on the actual EDI transaction.</i>					
67.	Percent Tax Exemption	Customer's Tax Exemption Percentage - Residential usually 100% (send 1), Commercial/Industrial - anything other than 0% requires you secure tax exemption certificate. (e.g., if 50% send .5)	AMT02	LIN: AMT01= <b>DP</b>	9(1).9(4)
68.	Meter Maintenance Code	Code explaining level of meter change; i.e., specific meter related, applies to all meters, or applies to unmetered portion of account	NM109= [meter number] or <b>UNMETERED</b> or <b>ALL</b>	NM101= <b>MA</b> , <b>MQ</b> , <b>MR</b> , or <b>MX</b> NM102= <b>3</b> NM108= <b>32</b>	X(80)

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*Note that the following REF segments may appear in any order on the actual EDI transaction.*

69.	Reason for Change	Code explaining reason for meter level change	REF02	NM1: REF01= <b>TD</b>	X(30)
70.	Old Meter Number	Previous meter number	REF02	NM1: REF01= <b>46</b>	X30
71.	Rate Amount	ESP Rate for the customer displayed a a monetary amount.	REF02	NM1: REF01= <b>BN</b>	X30
72.	Highest Month Average Daily (HMAD)	Customer/Meter average daily usage for month in which they had the highest use per day. This value is initially set and subject to monthly review to determine if changes are warranted based on customer usage	REF02	NM1: REF01= <b>DQ</b>	X30
73.	GDC Rate Code	Code indicating the rate a customer is being charged by GDC per tariff. Codes posted on GDC's Web site	REF02	NM1: REF01= <b>NH</b>	X(30)
74.	GDC Rate Subclass Code	Used to provide further classification of a rate.	REF02	NM1: REF01= <b>PR</b>	X(30)
75.	Type of Service	Used to provide choice of Capacity Release Option.	REF02	NM1: REF01= <b>PRT</b>	X(1)
76.	ESP Rate Code	ESP rate code for customer	REF02	NM1: REF01= <b>RB</b>	X(30)
77.	Maximum Daily Quantity (MDQ)-	This is on the calculated HMAD to derive a value for a customer's peak day usage. Since this is a function of HMAD it also is initially set and subject to monthly review to determine if changes are warranted based on customer usage. This value is a fixed billable unit in NJNGs Tariff.	REF02	NM1: REF01= <b>SJ</b>	X(30)
78.	GDC Meter Cycle	GDC Cycle on which the meter will be read	REF02	NM1: REF01= <b>TZ</b>	X(2)
79.	Meter Type	Type of Meter	REF02	NM1: REF01= <b>MT</b>	X(5)
<i>The following three fields each require that the Meter Type be shown in REF03:</i>					
80.	Meter Constant/Meter Multiplier	Some factor multiplied by the meter reading to give billed usage.	REF02	NM1: REF01= <b>4P</b> REF03 = Meter Type (See REF*MT)	9(9).99
81.	Number of Dials / Digits and related decimal positions	Needed to determine usage if meter reading rolls over during the billing period. Number of dials on the meter displayed as the number of dials to the left of the decimal, a decimal point, and number of dials to the right of the decimal.	REF02	NM1: REF01= <b>IX</b> REF03 = Meter Type (See REF*MT)	9.9

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82.	Type of metering used for billing	Indicates the type of metering information that will be sent on the 867 transaction.	REF02= 41 (on peak) or 42 (off peak) 43 (intermediate) or 51 (totalizer)	NM1: REF01 = TU REF03 = Meter Type (See REF*MT)	X(2)
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**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Comments:

<b>PA Use:</b>	Required
<b>NJ Use:</b>	Required
<b>DE Use for Connectiv:</b>	Required
<b>Example:</b>	ST*814*000000001

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	ST01	143 Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		814 General Request, Response or Confirmation	
Must Use	ST02	329 Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

**Segment:** **BGN** Beginning Segment  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a transaction set  
**Syntax Notes:** 1 If BGN05 is present, then BGN04 is required.  
**Semantic Notes:** 1 BGN02 is the transaction set reference number.  
2 BGN03 is the transaction set date.  
3 BGN04 is the transaction set time.  
4 BGN05 is the transaction set time qualifier.  
5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

**Comments:**

<b>NJ Use:</b>	Required
<b>Request Example:</b>	BGN*13*199904011956531*19990401 (Note: BGN06 not used in the request.)
<b>Response Example:</b>	BGN*11*199904020830531*19990402***199904011956531 (Note: BGN06 is optional on the response.)

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>X12 Attributes</b>
Must Use	<b>BGN01</b>	<b>353</b>	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 11 Response Signifies that the requested service will be addressed as described in this transaction. 13 Request	<b>M ID 2/2</b>
Must Use	<b>BGN02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.	<b>M AN 1/30</b>
Must Use	<b>BGN03</b>	<b>373</b>	<b>Date</b> Date (CCYYMMDD) The transaction creation date – the date that the data was processed by the sender's application system.	<b>M DT 8/8</b>
Optional	<b>BGN06</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier If used, refers to the BGN02 identification number of the original Request. Not used on the request. Optional on the response.	<b>O AN 1/30</b>

**Segment:** **N1** Name (8S = GDC Name)

**Position:** 040

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To identify a party by type of organization, name, and code

**Syntax Notes:**

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**

**Comments:**

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

<b>NJ Use:</b>	GDC to ESP Request:	Required
	ESP to GDC Accept Response:	Required
	ESP to GDC Reject Response:	Required for response if provided in the request
	ESP to GDC Request:	Required
	GDC to ESP Response:	Required
<b>Request Example:</b>	N1*8S*GDC COMPANY*1*007909411**40 (as Receiver)	
<b>Response Example:</b>	N1*8S*GDC COMPANY*1*007909411**41 (as Sender)	

## Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>		
Must Use	N101	98	Entity Identifier Code	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
		8S	Consumer Service Provider (CSP)		
			GDC		
Must Use	N102	93	Name	X	AN 1/60
			Free-form name		
			GDC Company Name		
Must Use	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
		1	D-U-N-S Number, Dun & Bradstreet		
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
Must Use	N104	67	Identification Code	X	AN 2/80
			Code identifying a party or other code		
			GDC D-U-N-S Number or D-U-N-S + 4 Number		
Must Use	N106	98	Entity Identifier Code	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual.		
			Used in addition to the N103 and N104 to identify the transaction sender and receiver when more than two parties are identified by N1 loops.		
		40	Receiver		
			Entity to accept transmission		
		41	Submitter		
			Entity transmitting transaction set		

- Segment:** **N1** Name (SJ = ESP Name)
- Position:** 040
- Loop:** N1 Optional
- Level:** Heading
- Usage:** Optional
- Max Use:** 1
- Purpose:** To identify a party by type of organization, name, and code
- Syntax Notes:**
- 1 At least one of N102 or N103 is required.
  - 2 If either N103 or N104 is present, then the other is required.
- Semantic Notes:**
- Comments:**
- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
  - 2 N105 and N106 further define the type of entity in N101.

<b>NJ Use:</b>	GDC to ESP Request:	Required
	ESP to GDC Response:	Required
	ESP to GDC Request:	Required
	GDC to ESP Accept Response:	Required
	GDC to ESP Reject Response:	Required for response if provided in the request
<b>Request Example:</b> N1*SJ*ESP COMPANY*9*007909422ESP1**41 (as Sender)		
<b>Response Example:</b> N1*SJ*ESP COMPANY*9*007909422ESP1**40 (as Receiver)		

## Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>		
Must Use	N101	98	Entity Identifier Code	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			SJ Service Provider		
			ESP		
Must Use	N102	93	Name	X	AN 1/60
			Free-form name		
			ESP Company Name		
Must Use	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			1 D-U-N-S Number, Dun & Bradstreet		
			9 D-U-N-S+4, D-U-N-S Number with Four Character		
			Suffix		
Must Use	N104	67	Identification Code	X	AN 2/80
			Code identifying a party or other code		
			ESP D-U-N-S Number or D-U-N-S + 4 Number		
Must Use	N106	98	Entity Identifier Code	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual.		
			Used in addition to the N103 and N104 to identify the transaction sender and receiver when more than two parties are identified by N1 loops.		
			40 Receiver		
			Entity to accept transmission		
			41 Submitter		
			Entity transmitting transaction set		



Segment: **N1** Name (8R = Customer Service)

**Position:** 040

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To identify a party by type of organization, name, and code

**Syntax Notes:**

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**

**Comments:**

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

<b>NJ Use:</b>	If changing the customer's name or written service address (not physical address) use the N101 = 8R loop for the new/current information		
	GDC to ESP Request:	Required	
	ESP to GDC Accept Response:	Required	
	ESP to GDC Reject Response:	Required if provided in the request	
	ESP to GDC Request:	Required	
	GDC to ESP Accept Response:	Required	
	GDC to ESP Reject Response:	Required for response if provided in the request	
<b>Request Examples:</b>	N1*8R*CUSTOMER NAME		
	N1*8R*CUSTOMER NAME		
<b>Response Example:</b>	N1*8R*CUSTOMER NAME		

## Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	N101	98	<b>Entity Identifier Code</b>	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			8R Consumer Service Provider (CSP) Customer	
			Used to identify the customer associated with the GDC service account	
Must Use	N102	93	<b>Name</b>	X AN 1/60
			Free-form name	
			Customer Name as it appears in the sender's system.	
Conditional	N103	66	<b>Identification Code Qualifier</b>	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			92 Assigned by Buyer or Buyer's Agent	
			Reference Number assigned by and meaningful to the customer. Note that this number is assigned to the GDC and may or may not be applicable to the ESP.	
			<b>Condition:</b> The N103 and N104 are optional only on the documents sent by the GDC. This information is provided at the point of time of the enrollment; an 814 change will not necessarily be processed if this data changes.	

**December 12, 2003**

DRAFT Version 1.9

Deleted: November 30, 2001

Deleted: 7

Conditional

N104

67

**Identification Code**

X AN 2/80

Code identifying a party or other code

Reference Number assigned by and meaningful to the customer. Note that this number is assigned to the **GDC** and may or may not be applicable to the ESP. **Condition:** The N103 and N104 are optional only on documents sent by the **GDC**. This information is provided at the point of time of the enrollment; an 814 change will not necessarily be processed if this data changes. This information may also appear on a Rate Ready 810.

Deleted: LDC

Deleted: LDC

Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

**Segment:** N3 **Address Information**  
**Position:** 060  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Note that the service address is only sent when a written address changes. This transaction cannot be used for a physical address change.	
	GDC to ESP Request:	Optional – Populate with new/current address if customer Service Address changes
	Response:	Not Used
	ESP to GDC Request:	
	Response:	Not Used
		Not Used
<b>Example:</b>	N3*123 N MAIN ST*MS FLR13	

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>X12 Attributes</u>
<b>Must Use</b>	<b>N301</b>	<b>166</b>	<b>Address Information</b>	<b>M AN 1/55</b>
			Address information	
<b>Optional</b>	<b>N302</b>	<b>166</b>	<b>Address Information</b>	<b>O AN 1/55</b>
			Address information	

**Segment:** **N4 Geographic Location**  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.

<b>NJ Use:</b>	GDC to ESP Request:	Optional – Populate with new/current address if customer Service Address changes
	ESP to GDC Response:	Not Used
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>Examples:</b> N4*ANYTOWN*NJ*07017 N4*ANYTOWN*NJ*070170001		

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	N401	19 City Name	O AN 2/30
		Free-form text for city name	
Must Use	N402	156 State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
Must Use	N403	116 Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	

**Segment:** **PER** Administrative Communications Contact  
**Position:** 080  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**  
1 If either PER03 or PER04 is present, then the other is required.  
2 If either PER05 or PER06 is present, then the other is required.  
3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Comments:**

<b>NJ Use:</b>	Used to provide customer contact information
GDC to ESP Request:	Optional
ESP to GDC Response:	Not Used
ESP to GDC Request:	Not Used
GDC to ESP Response:	Not Used
<b>Examples:</b>	PER*IC**TE*8005559876 PER*IC*JOE DOE*TE*8005559876*FX*8005551111*EM*JOE@SERVICE.COM

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>X12 Attributes</b>
Must Use	<b>PER01</b>	<b>366</b>	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named IC Information Contact	<b>M ID 2/2</b>
Optional	<b>PER02</b>	<b>93</b>	<b>Name</b> Free-form name	<b>O AN 1/60</b>
Must Use	<b>PER03</b>	<b>365</b>	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	<b>X ID 2/2</b>
Must Use	<b>PER04</b>	<b>364</b>	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
Optional	<b>PER05</b>	<b>365</b>	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	<b>X ID 2/2</b>
Optional	<b>PER06</b>	<b>364</b>	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
Optional	<b>PER07</b>	<b>365</b>	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	<b>X ID 2/2</b>
Optional	<b>PER08</b>	<b>364</b>	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>

Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

**Segment:** **N1** Name (BT = Customer Bill to Name)  
**Position:** 040  
**Loop:** N1  
**Level:** Heading:  
**Usage:** Recommended  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
2 N105 and N106 further define the type of entity in N101.

<b>NJ Use:</b>	GDC to ESP Request:	Optional
	ESP to GDC Response:	Not Used
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>Example:</b>	N1*BT*ACCOUNTS PAYABLE DIVISION	

Data Element Summary

Ref. Des.	Data Element	Name	X12 Attributes	
			M	ID 2/3
Must Use	N101	98 Entity Identifier Code		
		Code identifying an organizational entity, a physical location, property or an individual		
		BT Bill-to-Party		
		Used to identify a billing address for the customer		
Must Use	N102	93 Name	X	AN 1/60
		Free-form name		

Segment: **N3** Address Information  
Position: 060  
Loop: N1 Optional  
Level: Heading  
Usage: Optional  
Max Use: 2  
Purpose: To specify the location of the named party  
Syntax Notes:  
Semantic Notes:  
Comments:

NJ Use:	GDC to ESP Request:	Optional
	ESP to GDC Response:	Not Used
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
Example:	N3*123 N MAIN ST*MS FLR13	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	N301	166	Address Information	M AN 1/55
Optional	N302	166	Address information	O AN 1/55
			Address Information	
			Address information	

**Segment:** N4 Geographic Location  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.

<b>NJ Use:</b>	GDC to ESP Request:	Optional
	ESP to GDC Response:	Not Used
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>Example:</b> N4*ANYTOWN*NJ*07017 N4*ANYTOWN*NJ*070170001*US		

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	N401	19	City Name Free-form text for city name	O AN 2/30
Must Use	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Must Use	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
Optional	N404	26	Country Code Code identifying the country	O ID 2/3



**Segment:** **PER** Administrative Communications Contact  
**Position:** 080  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**  
1 If either PER03 or PER04 is present, then the other is required.  
2 If either PER05 or PER06 is present, then the other is required.  
3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Comments:**

<b>NJ Use:</b>	GDC to ESP Request:	Optional
	ESP to GDC Response:	Not Used
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>Example:</b>	PER*IC*ACCTS PAYABLE*TE*8005559876*FX*8005556789*EM*CUSTOMER@SERVICE.COM	

Deleted: Not Used ¶

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named IC Information Contact	M ID 2/2
Optional	PER02	93	<b>Name</b> Free-form name	O AN 1/60
Must Use	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Must Use	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80

Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

**Segment:** **N1** Name (PK = Party to Receive Copy)  
**Position:** 040  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**  
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
2 N105 and N106 further define the type of entity in N101.

<b>NJ Use:</b>	GDC to ESP Request:	Optional
	ESP to GDC Response:	Not Used
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>Example:</b>	N1*PK*ANN SMITH	

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			PK Party to Receive Copy	
			Used to identify a third party that is to receive a copy of all notices (not bills) to the end use customer.	
Must Use	N102	93	Name	X AN 1/60
			Free-form name	

Segment: **N3** Address Information  
Position: 060  
Loop: N1 Optional  
Level: Heading  
Usage: Optional  
Max Use: 2  
Purpose: To specify the location of the named party  
Syntax Notes:  
Semantic Notes:  
Comments:

NJ Use:	<u>GDC</u> to ESP Request:	Optional	Deleted: LDC
	<u>ESP to GDC</u> Response:	Not Used	
	ESP to <u>GDC</u> Request:	Not Used	Deleted: LDC
	<u>GDC to ESP</u> Response:	Not Used	
Example:	N3*4251 S ELECTRIC ST*MS 25		

Data Element Summary				
	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	N301	166	Address Information	M AN 1/55
Optional	N302	166	Address information	O AN 1/55
			Address Information	
			Address information	

**Segment:** N4 Geographic Location  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.

<b>NJ Use:</b>	GDC to ESP Request:	Optional
	ESP to GDC Response:	Not Used
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>Examples:</b> N4*ANYTOWN*NJ*07017 N4*ANYTOWN*NJ*070170001*US		

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	N401	19	City Name Free-form text for city name	O AN 2/30
Must Use	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Must Use	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
Optional	N404	26	Country Code Code identifying the country	O ID 2/3

**Segment:** **PER** Administrative Communications Contact  
**Position:** 080  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**  
1 If either PER03 or PER04 is present, then the other is required.  
2 If either PER05 or PER06 is present, then the other is required.  
3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Comments:**

<b>NJ Use:</b>	GDC to ESP Request:	Optional
	ESP to GDC Response:	Not Used
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>Example:</b>	PER*IC*ANN SMITH*TE*8005559876*FX*8005556789*EM*CUSTOMER@SERVICE.COM	

**Data Element Summary**

	Ref.	Data		X12 Attributes
	Des.	Element	Name	M ID 2/2
Must Use	PER01	366	<b>Contact Function Code</b> Contact identifying the major duty or responsibility of the person or group named IC Information Contact	
Optional	PER02	93	<b>Name</b> Free-form name	O AN 1/60
Must Use	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Must Use	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80

- Segment:** N1 Name (2C = Co-Participant)  
**Position:** 040  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**  
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
2 N105 and N106 further define the type of entity in N101.

NJ Use:	GDC to ESP Request:	Optional
	ESP to GDC Response:	Not Used
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
Example:	N1*2C*THOMAS SMITH	

Data Element Summary

Ref. Des.	Data Element	Name	X12 Attributes
Must Use	N101	98 Entity Identifier Code	M ID 2/3
Code identifying an organizational entity, a physical location, property or an individual			
2C Co-Participant			
Used to identify a third party who shares responsibility for payment of the customer's bill. This party will receive copies of all bills, not notices.			
Must Use	N102	93 Name	X AN 1/60
Free-form name			

Segment: **N3** Address Information  
Position: 060  
Loop: N1 Optional  
Level: Heading  
Usage: Optional  
Max Use: 2  
Purpose: To specify the location of the named party  
Syntax Notes:  
Semantic Notes:  
Comments:

NJ Use:	<u>GDC</u> to ESP Request:	Optional	Deleted: LDC
	<u>ESP</u> to <u>GDC</u> Response:	Not Used	
	ESP to <u>GDC</u> Request:	Not Used	Deleted: LDC
	<u>GDC</u> to ESP Response:	Not Used	
Example:	N3*4251 S ELECTRIC ST*MS 25		

Data Element Summary				
	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	N301	166	Address Information	M AN 1/55
Optional	N302	166	Address information	O AN 1/55
			Address Information	
			Address information	

**Segment:** N4 Geographic Location  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.

<b>NJ Use:</b>	GDC to ESP Request:	Optional
	ESP to GDC Response:	Not Used
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>Examples:</b> N4*ANYTOWN*NJ*07017 N4*ANYTOWN*NJ*070170001*US		

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	N401	19	City Name Free-form text for city name	O AN 2/30
Must Use	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Must Use	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
Optional	N404	26	Country Code Code identifying the country	O ID 2/3



**Segment:** **PER** Administrative Communications Contact  
**Position:** 080  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**  
1 If either PER03 or PER04 is present, then the other is required.  
2 If either PER05 or PER06 is present, then the other is required.  
3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Comments:**

<b>NJ Use:</b>	GDC to ESP Request:	Optional
	ESP to GDC Response:	Not Used
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>Example:</b> PER*IC*THOMAS SMITH*TE*8005552878*FX*8005556789*EM*CUSTOMER@SERVICE.COM		

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>X12 Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PER01	366	<b>Contact Function Code</b> Contact identifying the major duty or responsibility of the person or group named IC Information Contact	M ID 2/2
Optional	PER02	93	<b>Name</b> Free-form name	O AN 1/60
Must Use	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Must Use	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80

<b>Segment:</b>	<b>LIN</b>	<b>Item Identification</b>
<b>Position:</b>	010	
<b>Loop:</b>	LIN	Optional
<b>Level:</b>	Detail	
<b>Usage:</b>	Optional	
<b>Max Use:</b>	1	
<b>Purpose:</b>	To specify basic item identification data	
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either LIN04 or LIN05 is present, then the other is required.</li> <li>2 If either LIN06 or LIN07 is present, then the other is required.</li> <li>3 If either LIN08 or LIN09 is present, then the other is required.</li> <li>4 If either LIN10 or LIN11 is present, then the other is required.</li> <li>5 If either LIN12 or LIN13 is present, then the other is required.</li> <li>6 If either LIN14 or LIN15 is present, then the other is required.</li> <li>7 If either LIN16 or LIN17 is present, then the other is required.</li> <li>8 If either LIN18 or LIN19 is present, then the other is required.</li> <li>9 If either LIN20 or LIN21 is present, then the other is required.</li> <li>10 If either LIN22 or LIN23 is present, then the other is required.</li> <li>11 If either LIN24 or LIN25 is present, then the other is required.</li> <li>12 If either LIN26 or LIN27 is present, then the other is required.</li> <li>13 If either LIN28 or LIN29 is present, then the other is required.</li> <li>14 If either LIN30 or LIN31 is present, then the other is required.</li> </ol>	
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 LIN01 is the line item identification</li> </ol>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See the Data Dictionary for a complete list of IDs.</li> <li>2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.</li> </ol>	
<b>UIG Notes:</b>	<p>The 3070 version of the 814 guideline allowed all services to be transmitted in one LIN segment. This was difficult to process and track. Version 4010 restricts the use of LIN03 to identify the product (electric vs. gas) and LIN05 to identify the service being requested. For example, <i>LIN*SH*GAS*SH*CE</i> indicates that the product is electric and 'generation services' is the service being requested. Multiple LINs may be sent to request multiple services for one account.</p> <p>Other examples: LIN*SH*GAS*SH*HU\ requests historical usage of electric service LIN*SH*GAS*SH*MI\ requests meter information on the gas service</p>	
<b>NJ Use:</b>	Request:	Required
	Accept Response:	Required
	Reject Response:	Required if it was provided on the request.
<b>Examples:</b>	LIN*CHG1999123108000001*SH*GAS*SH*CE	

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	LIN01	350	Assigned Identification	O AN 1/20
Alphanumeric characters assigned for differentiation within a transaction set				
On the request, this is a unique tracking number for each line item (LIN) in this transaction. This number must be unique over all time. This number must be returned on the response transaction in the same element. This tracking number was provided in REF*TN in Version 3070.				
Must Use	LIN02	235	Product/Service ID Qualifier	M ID 2/2
Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
SH			Service Requested	

Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

December 12, 2003

DRAFT Version 1.9

Deleted: November 30, 2001  
Deleted: 7

Must Use	LIN03	234	<b>Product/Service ID</b> Identifying number for a product or service EL Electric Service GAS Gas Service Identifies the product	M	AN 1/48
Must Use	LIN04	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) SH Service Requested	M	ID 2/2
Must Use	LIN05	234	<b>Product/Service ID</b> Identifying number for a product or service CE Customer Enrollment Indicates that this transaction is related to Customer Enrollment. <b>Note: This code remains “CE” for natural gas.</b>	M	AN 1/48

Deleted: G-ig814Cv\_1-9  
Inserted: G-ig814Cv\_1-9  
Deleted: ig814Cv\_1-7

Segment: **ASI** Action or Status Indicator  
Position: 020  
Loop: LIN Optional  
Level: Detail  
Usage: Optional  
Max Use: 1  
Purpose: To indicate the action to be taken with the information provided or the status of the entity described

Syntax Notes:  
Semantic Notes:  
Comments:

Notes:	Identifies the action to be taken or the status of a requested action for the service identified in the LIN segment.  Status Reason Codes are conveyed in the REF segment (position 030) rather than in the ASI03, to allow for multiple status reasons.	
NJ Use:	Request:	Required
	Response:	Required
Request Example:	ASI*7*001	
Response Examples:	ASI*WQ*001	Accept Response
	ASI*U*001	Reject Response

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	ASI01	306	Action Code  Code indicating type of action 7 Request U Reject WQ Accept	M ID 1/2
Must Use	ASI02	875	Maintenance Type Code  Code identifying the specific type of item maintenance 001 Change	M ID 3/3

**Segment:** REF **Reference Identification (TD = Reason for Change)**  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Notes:** This convention of the REF segment is used for account maintenance, to convey change reason codes. The codes used in REF02 are maintained by the UIG. The first portion of the code identifies the segment that contains the data that has been changed; the remaining portion of the code identifies the relevant code qualifier for the data that has been changed. The changed data will appear in the appropriate element of the identified segment. For example, a REF02 code of AMT7N indicates that data in the AMT segment that is identified by the qualifier 7N (i.e., Percentage of Service Supplied) has been changed to the value now shown in AMT02.

**NJ Use:**  
Request: Required if change is at an account (LIN) or header level  
Response: Optional

**Example:** REF\*TD\*REFBLT  
REF\*TD\*N1PK\*D

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification TD Reason for Change	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier AMTDP Change Percentage of Service Tax Exempt DTM150 Change Service Period Start Date DTM151 Change Service Period End Date N12C Change in party to receive copy of bills N18R Change in Customer Name and/or Service Address N1BT Change in Billing Address N1PK Change in party to receive copy of notices (not bills) REF11 Change ESP-Assigned Account Number for the End Use Customer	X AN 1/30

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REF12 Change GDC-Assigned Account Number for the End  
Use Customer  
REFBF Change Billing Cycle  
REFBLT Change Billing Type (Bill Presenter)  
REFPC Change Party that Calculates the Bill

Conditional

REF03

352

Description  
D

X AN 1/80

Indicates the party name and address to be deleted

Required if deleting the following address types:

Party to Receive copy of bills -N12C

Billing Address -N1BT

Party to Receive copy of notices (Not bills) -N1PK

### Changes by State – Required Implementation Date

This table indicates whether this change will ever be valid in the state, and what the required implementation date will be.

Field Change	New Jersey	
	Valid (Y/N)	Target Required Implementation Date
AMTDP – Tax exempt percent	N	N/A
DTM150 – Start Date	N	N/A
DTM151 – End Date	N	N/A
N12C – Party to receive copy of bills	N	N/A
N18R – Customer name / service address	N	N/A
N1BT – Billing address	N	N/A
N1PK – Party to receive copy of notices	N	N/A
REF11 – ESP Account number	Y	Market opening
REF12 – <u>GDC</u> Account number	Y	Market opening
REFBF – Bill Cycle	Y	Market opening
REFBLT – Bill Type (Bill Presenter)	Y	Market opening
REFPC – Party that Calculates Bill	Y	Market opening

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Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

- Segment:** REF **Reference Identification (7G = Reject Reason)**
- Position:** 030
- Loop:** LIN Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** >1
- Purpose:** To specify identifying information
- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
  - 2 If either C04003 or C04004 is present, then the other is required.
  - 3 If either C04005 or C04006 is present, then the other is required.
- Semantic Notes:**
- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>Notes:</b>	This iteration of the REF segment is used to convey the rejection reason codes in response to a Request. The rejection reason codes are conveyed in this segment rather than in the ASI03 to allow for multiple rejection reasons.						
<b>NJ Use:</b>	<p>If an GDC receives a request for a service that the state does not support, the GDC should <b>reject</b> it with a REF*7G* SDE*SERVICE DOES NOT EXIST</p> <p>If an <b>GDC</b> receives a request for a service that the state supports, but the GDC does not, the <b>GDC</b> should <b>accept</b> it, but then send a status code REF*1P*SNP*SERVICE NOT PROVIDED</p> <table><tr><td>Request:</td><td>Not Used</td></tr><tr><td>Accept Response:</td><td>Not Used</td></tr><tr><td>Reject Response:</td><td>Required</td></tr></table>	Request:	Not Used	Accept Response:	Not Used	Reject Response:	Required
Request:	Not Used						
Accept Response:	Not Used						
Reject Response:	Required						
<b>Example:</b>	REF*7G*A13*ADDITIONAL REASON TEXT HERE						

Deleted: LDC

Deleted: LDC

**Data Element Summary**

Ref.	Data			
Des.	Element	Name		X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			7G	Data Quality Reject Reason
				Reject reasons associated with a reject status notification.

Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7



## Rules for Rejection Reason Codes

The codes on the next several pages have been identified by the UIG to convey rejection reasons. Only the codes listed for each service are valid for that service. If you require additional codes, send an email to the state's document owner.

"A13" (Other) must **only** be used when an existing error code does not convey the reason correctly. Each time "A13" (Other) is used for a new purpose, an E-mail must be sent to the state's document owner by the party sending the code, to notify the market participants about the text explanation for A13. This information will be compiled and new codes will be issued on a periodic basis.

For New Jersey's natural gas implementation, the state's document owner is PSE&G, who can be reached at: [tpsupplier@pseg.com](mailto:tpsupplier@pseg.com).

Must Use	REF02	127	Reference Identification	X	AN 1/30
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
		008	Account exists but is not active		
		A13	Other		
			REF03 Required. Send email to edtwg@ls.eei.org each time A13 is used for a new purpose.		
		A76	Account not found		
			This includes invalid account numbers as well as no account number being found.		
		A77	Name specified does not match account		
		A84	Invalid Relationship (not ESP of record)		
		ABN	Duplicate request received		
		ANL	Service provider not licensed to provide requested service		
		API	Required information missing (REF03 Required)		
		C11	Change reason (REF*TD) missing or invalid		
		C13	Multiple Change Request Not Supported		
		C02	Customer on Credit Hold		
			Valid in PSEG when consolidated bill requested for customer who has been switched to DUAL billing due to delinquencies when making the other party whole.		
		FRB	Incorrect Billing Option (REF*BLT) Requested		
		FRC	Incorrect Bill Calculation Type (REF*PC) Requested		
		UND	Cannot identify ESP		
		UNE	Cannot identify <u>GDC</u>		
		W05	Requested Rate not found or not in effect on the requested date (Rate Ready Only).		

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Optional	REF03	352	Description	X	AN 1/80
A free-form description to clarify the related data elements and their content					
Used to further describe the Rejection Reason Codes sent in REF02. Codes "A13" and "API" require text explanation in this element.					

Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

**Segment:** REF **Reference Identification (1P = Accessorial Status Code)**  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Notes:** This iteration of the REF segment is used primarily to convey status reason codes in response to a Request. The status reason codes are conveyed in this segment rather than in the ASI03 to allow for multiple status reasons.

A Status Reason code is different than a Rejection Reason code in that it is used to give additional information to the receiving party (an FYI). Generally, if a transaction is rejected, the sender is expected to follow up and resubmit; whereas if a transaction is accepted with a status reason code, the sender is not expected to take any further action.

**NJ Use:** Request: Not Used  
Accept Response: Required when status information must be conveyed.  
Reject Response: Required when status information must be conveyed.

**Example:** REF\*1P\*A13\*ADDITIONAL REASON TEXT HERE  
REF\*1P\*C10\*CHANGE NOT SUPPORTED

**Data Element Summary**

Ref.	Data	Name	X12 Attributes
Des.	Element		
Must Use	REF01	128	M ID 2/3
Reference Identification Qualifier			
Code qualifying the Reference Identification			
1P Accessorial Status Code			
Used in the instance where the 814 Change Request is accepted, but additional status information must be provided			

## Rules for Status Reason Codes

The codes below have been identified by the UIG to convey status reasons. Only the codes listed for each service are valid for that service. If you require additional codes, send an email to the state's document owner.

"A13" (Other) must **only** be used when an existing error code does not convey the reason correctly. Each time "A13" (Other) is used for a new purpose, an E-mail must be sent to the state's document owner by the party sending the code, to notify the market participants about the text explanation for A13. This information will be compiled and new codes will be issued on a periodic basis.

For New Jersey's natural gas implementation, the state's document owner is PSE&G, who can be reached at: [tpsupplier@pseg.com](mailto:tpsupplier@pseg.com).

### Status Codes:

Must Use	REF02	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			A13	Other	
				REF03 Required. Send email to edtwg@ls.eei.org each time A13 is used for a new purpose.	
			C10	Change Not Supported	
				Used to indicate that the change being requested is not supported by the receiving party.	
			SNP	Service Not Provided	
Optional	REF03	352	<b>Description</b>	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			Used to further describe the status reason code sent in REF02. Required if REF02 = A13.		

**Segment:** REF **Reference Identification (11 = ESP Account Number)**  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>Notes</b>	To change an ESP account number, the new account number should appear in the field with the respective REF*TD change code (REF*TD*REF11). Unlike the GDC account number, there is not a field that must be populated for old ESP account number.	
<b>NJ Use:</b>	GDC to ESP Request:	Conditional - GDC's are required to provide this data if store in their system.
	ESP to GDC Accept Response:	Required (See *) if it was provided on request.
	ESP to GDC Reject Response:	Required (See *) if it was provided on request.
	ESP to GDC Request:	Required (See *) if it was provided previously
	GDC to ESP Accept Response:	Required (See *) if it was provided on the request.
	GDC to ESP Reject Response:	Required (See *) if it was provided on the request
GDCs are not required to store ESP account number their system. GDCs if storing will do so if provided on 814 enrollment and/or 814 change. If GDC does store ESP account number, GDC will provide ESP account number on all transactions. All GDCs except for Elizabethtown are storing ESP account number.		
<b>Example:</b>	REF*11*2348400586	

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			11 Account Number	
			ESP-assigned account number for end use customer.	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**Segment:** REF **Reference Identification (12 = GDC Account Number)**  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**NJ Use:** Must be identical to account number as it appears on the customer's bill, excluding punctuation (spaces, dashes, etc.). Significant leading and trailing zeros must be included.  
If changing the GDC account number, the new/current account number appears in this segment and the previous account number appears in the REF\*45 segment.  
GDC to ESP Request: Required  
ESP to GDC Accept Response: Required  
ESP to GDC Reject Response: Required – when the rejection reason is due to an GDC account number not being provided in the request, this segment must not be sent on the response.  
ESP to GDC Request: Required  
GDC to ESP Accept Response: Required  
GDC to ESP Reject Response: Required – when the rejection reason is due to an GDC account number not being provided in the request, this segment must not be sent on the response.

**Example:** REF\*12\*2931839200

**Data Element Summary**

	Ref.	Data	Name	X12 Attributes
	Des.	Element		
Must Use	REF01	128	<b>Reference Identification Qualifier</b>	M ID 2/3
			Code qualifying the Reference Identification	
			12 Billing Account	
			GDC-assigned account number for end use customer.	
Must Use	REF02	127	<b>Reference Identification</b>	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**Segment:** REF **Reference Identification (45 = GDC Old Account Number)**  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**NJ Use:** GDC to ESP Request: Required if the GDC account number is being changed.  
ESP to GDC Response: Required if the GDC account number is being changed.  
Not Used, Not Used  
ESP to GDC Request:  
GDC to ESP Response:

**Example:** REF\*45\*1105687500

Deleted: Not Used, Not Used

Deleted: Required if the GDC account number is being changed.

Deleted: Required if the GDC account number is being changed

Deleted: Not Used

Deleted: Accept

Deleted: Reject Response

**Data Element Summary**

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			45 Old Account Number	
			GDC's previous account number for the end use customer.	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**Segment:** REF **Reference Identification (BF = GDC Billing Cycle)**  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>NJ Use:</b>	GDC to ESP Request:	Optional
	ESP to GDC Accept Response:	Not Used
	ESP to GDC Reject Response:	Optional
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>Example:</b> REF*BF*15		

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BF Billing Center Identification GDC Billing cycle. Cycle number when the billing will be rendered.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

**Segment:** **REF** **Reference Identification (BLT = Billing Type)**  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**NJ Use:**  
GDC to ESP Request: Optional  
ESP to GDC Accept Response: Not Used  
ESP to GDC Reject Response: Optional  
  
ESP to GDC Request: Optional  
GDC to ESP Accept Response: Not Used  
GDC to ESP Reject Response: Optional

**Example:** REF\*BLT\*GDC

Deleted: LDC

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BLT Billing Type Identifies whether the bill is consolidated by the GDC or ESP, or whether each party will render their own bill. See REF02 for valid values.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is BLT, valid values for REF02 are: GDC - The GDC bills the customer ESP - The ESP bills the customer DUAL - Each party bills the customer for its portion	X AN 1/30

Deleted: LDC



**Segment:** **REF** Reference Identification (PC = Calculates Charges)

**Position:** 030

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
  - 2 If either C04003 or C04004 is present, then the other is required.
  - 3 If either C04005 or C04006 is present, then the other is required.
- Semantic Notes:**
- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**NJ Use:**

GDC to ESP Request:	Optional
ESP to GDC Accept Response:	Not Used
ESP to GDC Reject Response:	Optional
ESP to GDC Request:	Optional
GDC to ESP Accept Response:	Not Used
GDC to ESP Reject Response:	Optional

**Example:** REF\*PC\*GDC

Deleted: LDC

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3

Code qualifying the Reference Identification

PC

Production Code

Identifies the party that is to calculate the charges on the bill.

Must Use	REF02	127 Reference Identification	X AN 1/30
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Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

When REF01 is PC, valid values for REF02 are:

GDC - The GDC calculates the charges on the bill (Rate Ready)

DUAL - Each party calculates its portion of the bill (Dual or Bill Ready)

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IF ...			THEN...	
Bills the Customer	Calculates		Billing Party	Calc. Party
	GDC Portion	ESP Portion	REF*BLT	REF*PC
GDC	<u>GDC</u>	<u>GDC</u>	<u>GDC</u>	<u>GDC</u>
GDC	<u>GDC</u>	ESP	<u>GDC</u>	DUAL
ESP	<u>GDC</u>	ESP	ESP	DUAL
DUAL	<u>GDC</u>	ESP	DUAL	DUAL

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Be careful to use the UIG Standard Code Values GDC and ESP rather than the New Jersey versions of those codes.

- Segment:** **DTM** **Date/Time Reference (007 = Effective Date)**
- Position:** 040
- Loop:** LIN Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** >1
- Purpose:** To specify pertinent dates and times
- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
  - 2 If DTM04 is present, then DTM03 is required.
  - 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

<b>Notes</b>	This date is sent by the GDC to indicate when a change will take effect. If the date is in the future, it is an estimated effective date. If the date is in the past, it is an actual effective date.		
<b>NJ Use:</b>	GDC to ESP Request:	Required if change is not date related	
	<a href="#">ESP to GDC</a> Response:	Not Used	
	ESP to GDC Request:	Not Used	
	<a href="#">GDC to ESP</a> Accept Response:	Required if change is not date related	
	<a href="#">GDC to ESP</a> Reject Response:	Not Used	
<b>Example:</b>	DTM*007*19990115		

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>M ID 3/3</b>
			Code specifying type of date or time, or both date and time	
			007 Effective Date	
			The date that this change will take or has taken effect.	
Must Use	<b>DTM02</b>	<b>373</b>	<b>Date</b>	<b>X DT 8/8</b>
			Date expressed as CCYYMMDD	

**Segment:** **DTM** **Date/Time Reference (150 = Service Period Start)**  
**Position:** 040  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**  
1 At least one of DTM02 DTM03 or DTM05 is required.  
2 If DTM04 is present, then DTM03 is required.  
3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

<b>NJ Use:</b>	GDC to ESP Request:	Optional
	ESP to GDC Accept Response:	Not Used
	ESP to GDC Reject Response:	Optional
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>PA rule:</b> Update to ESP start date is required if it varies from estimated start date by more than three (3) days.		
<b>Example:</b>	DTM*150*19990115	

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
Code specifying type of date or time, or both date and time				
150 Service Period Start				
The date which energy is expected to flow for this customer for the ESP.				
Must Use	DTM02	373	Date	X DT 8/8
Date expressed as CCYYMMDD				

**Segment:** **DTM** **Date/Time Reference (151 = Service Period End)**  
**Position:** 040  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**  
1 At least one of DTM02 DTM03 or DTM05 is required.  
2 If DTM04 is present, then DTM03 is required.  
3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

<b>NJ Use</b>	GDC to ESP Request:	Optional
	ESP to GDC Accept Response:	Not Used
	ESP to GDC Reject Response:	Optional
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used

Deleted: PA Use:

**Example:** DTM\*151\*19990215

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		<b>X12 Attributes</b>
	<b>Des.</b>	<b>Element</b>	<b>Name</b>	
Must Use	<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>M ID 3/3</b>
			Code specifying type of date or time, or both date and time	
			151 Service Period End	
Must Use	<b>DTM02</b>	<b>373</b>	<b>Date</b>	<b>X DT 8/8</b>
			Date expressed as CCYYMMDD	

**Segment:** **AMT** Monetary Amount (DP = Tax Exemption)  
**Position:** 060  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**NJ Use:** This field is used for the sending party to tell the receiving party the tax exemption amount that should be entered into the receiving party's system in order to calculate a bill on the sender's behalf. This is required only for rate-ready GDC Consolidated billing where the GDC has loaded the ESP rates into their system, the GDC calculates the ESP charges, and places the ESP charges on the GDC bill  
A tax exemption certificate must be secured from the customer.  
**Note:** Since rate must include taxes, ESP should always set this to 100% tax exempt in NJ.  
GDC to ESP Request: Not Used  
ESP to GDC Response: Not Used  
  
ESP to GDC Request: Optional  
GDC to ESP Accept Response: Not Used  
GDC to ESP Reject Response: Optional

**Examples:** AMT\*DP\*.75  
AMT\*DP\*.7599

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	AMT01	522	<b>Amount Qualifier Code</b> Code to qualify amount DP Exemption Tax Exemption: This code is used when a portion of the provided service is exempt from taxation. Element AMT02 identifies the percentage of the service that is tax exempt.	<b>M ID 1/3</b>
Must Use	AMT02	782	<b>Monetary Amount</b> Monetary amount For percentage values, the whole number "1" represents 100 percent; decimal numbers less than "1" represent percentages from 1 percent to 99.9999 percent.	<b>M R 1/18</b>

**Segment:** **NM1** Individual or Organizational Name (Meter Number)

**Position:** 080

**Loop:** NM1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To supply the full name of an individual or organizational entity

**Syntax Notes:** 1 If either NM108 or NM109 is present, then the other is required.

2 If NM111 is present, then NM110 is required.

**Semantic Notes:** 1 NM102 qualifies NM103.

**Comments:** 1 NM110 and NM111 further define the type of entity in NM101.

<b>Notes:</b>	This loop is used to convey meter level information. NM1 loop may be sent in any order		
<b>NJ Use:</b>	Please see the rules for the use of this Loop on the Notes page.		
	GDC to ESP Request:	Required if changing meter level information	
	ESP to GDC Response:	Optional	
	ESP to GDC Request:	Required if changing meter level information	
	GDC to ESP Response:	Optional	
<b>Examples:</b>	NM1*MR*3*****32*1234568MG NM1*MA*3*****32*UNMETERED NM1*MQ*3*****32*ALL NM1*MX*3*****32*334545R		

#### Data Element Summary

Ref.	Des.	Data Element	Name	X12 Attributes
Must Use	NM101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			MA Party for whom item is ultimately intended	
			Meter Addition – use when adding a meter to an existing account	
			MQ Meter Location	
			Meter Level Information Change – use when changing Meter level Information or Attribute(s) for an existing Meter. See notes section.	
			MR Medical Insurance Carrier	
			Meter Removal – use when removing a meter from an existing account	
			MX Juvenile Witness	
			Meter Exchange – use when exchanging a meter	
Must Use	NM102	1065	Entity Type Qualifier	M ID 1/1
			Code qualifying the type of entity	
			3 Unknown	
Must Use	NM108	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			32 Assigned by Property Operator	
			Meter Number	

Must Use

NM109

67

Identification Code

X

AN 2/80

Code identifying a party or other code

Meter Number

UNMETERED – for Unmetered Services

ALL – for ALL meters on the Request Transaction (“ALL” is only valid for a Meter Level Information Change). Used to change information that is transmitted at the meter level, but applies to “ALL” meters for this customer, i.e., REF\*LO, REF\*NH, REF\*PR, REF\*TZ, REF\*RB

**Segment:** **REF** Reference Identification (TD = Reason for Change)  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:** At least one of REF02 or REF03 is required.  
If either C04003 or C04004 is present, then the other is required.  
If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** REF04 contains data relating to the value cited in REF02.

**Comments:**

**UIG Notes:**

This convention of the REF segment is used for Account Maintenance and Update transactions, to convey meter-level and entity relationship change reason codes. The codes used in REF02 are maintained by the UIG. The first portion of the code identifies the segment that contains the data that has been changed; the remaining portion of the code identifies the relevant code qualifier for the data that has been changed. The changed data will appear in the appropriate element of the identified segment. For example, REF02 code of REFVR indicates that data in the REF segment that is identified by the qualifier VR (i.e. Meter Installer) has been changed to the value now shown in REF02 of the REF\*VR segment.

**NJ Use:** Request: Required if change is at a meter level  
Response: Optional

**Example:** REF\*TD\*REFRB

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			TD Reason for Change	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			NM1MA Meter Addition	
			NM1MQ Change Metering Location	
			Change of Meter Attributes: Meter Constant (REF*4P), Number of Dials (REF*IX), Meter Type (REF*MT) and Consumption Provided on 867 (REF*TU)	
			NM1MR Meter Removal	
			NM1MX Meter Exchange	
			REFBN Change ESP Rate Amount	
			REFDQ Change HMAD Amount	
			REFNH Change Rate Class or Tariff	
			REFPR Change Unit Pricing Category Under a Rate Code	
			REFPRT Change Capacity Release Option	
			REFRB Change ESP Rate	
			REFSJ Change MDQ Amount	
			REFTZ Change Meter Cycle	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

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### Changes by State – Required Implementation Date

This table indicates whether this change will ever be valid in the state, and what the required implementation date will be.

Field Change	New Jersey	
	Valid (Y/N)	Target Required Implementation Date
NM1MA – Meter Addition	Y	To be determined For PSE&G 2/2004
NM1MQ – Change Meter Attributes	Y	To be determined
NM1MR – Meter Removal	Y	To be determined For PSE&G 2/2004
NM1MX – Meter Exchange	Y	To be determined For PSE&G 2/2004
REFBN – Change ESP rate amount	Y	Market opening
REFDQ – Change HMAD amount	Y	Market opening
REFNH – Change rate class	Y	To be determined
REFPR – Change unit pricing category under a rate code	Y	To be determined
REFRB – Change ESP Rate Code	Y	Market opening
REFSJ – Change MDQ amount	Y	Market opening
REFTZ – Meter Cycle	Y	Market opening

**Segment:** **REF** **Reference Identification (46 = Old Meter Number)**  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>Notes</b>	Segment implies Meter Removal.	
<b>NJ Use:</b>	GDC to ESP Request:	Required for MX loop, not used for other Meter Loops.
	ESP to GDC Accept Response:	Not Used
	ESP to GDC Reject Response:	Optional
	ESP to GDC Request:	Not Used
	GDC to ESP Response:	Not Used
<b>Example:</b>	REF*46*9938526S	

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 46 Old Meter Number	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **REF** Reference Identification (BN = Rate Amount)

- Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**NJ Use:** Request: Required For New Jersey Natural Gas if the GDC is calculating the ESP charges (Rate Ready) and the ESP would like to change rates

Response: Not Used

**Examples:** REF\*BN\*0.12345  
REF\*BN\*10.00001

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			BN Booking Number	
			Rate Amount	
			ESP Rate for the customer displayed as monetary amount.	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			Monetary Amount in format of max. 2 digits to left of the decimal point, and of max. 5 digits to the right of decimal point.	

Example for 3.5 cents per therm REF\*BN\*0.035  
Example for 4.5 dollars per therm REF\*BN\*4.50

Segment: **REF** Reference Identification (DQ = Highest Month Average Daily (HMAD))

Position: 130

Loop: NM1 Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

NJ Use:	Used by New Jersey Natural Gas Only	
	Request:	Required if HMAD changes
	Response:	Not Used
Example:	REF*DQ*10.9	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			DQ	Delivery Quote Number
			Highest Month Average Daily (HMAD)	
			Customer/Meter average daily usage for month in which they had the highest use per day. This value is initially set and subject to monthly review to determine if changes are warranted based on customer usage	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**Segment:** **REF** **Reference Identification (NH = GDC rate class)**

**Position:** 130

**Loop:** NM1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Notes:**

If an GDC Rate Class is changed and all meters on the account have the same GDC Rate Class, the NM1 segment will contain NM1\*MQ\*3\*\*\*\*\*32\*ALL..

If an GDC Rate Class is changed, and it only applies to one or some meters, the NM1 segments will contain the specific meter number. If it applies to multiple meters (but not all of the meters on the account), multiple NM1 loops must be sent – one for each meter.

If only the GDC Rate Class is changed, the associated REF\*TD will be REF\*TD\*REFNH.

For New Jersey Natural Gas Only:

If this segment is sent by the ESP, it corresponds to a change in the Transportation Service Type valid for the end-use-customer. Only one Transportation Service Type may be in effect per account. Valid codes are:

SCR  
CTB  
RT – residential only

(Other transportation service options may be available but not through the EDI process see “Electronic Data Exchange and Protocol Process Flows for Gas Deregulation in The State of New Jersey:” or other documents for additional information.

**NJ Use:**

GDC to ESP Request:	Optional
<a href="#">ESP to GDC</a> Accept Response:	Not Used
<a href="#">ESP to GDC</a> Reject Response:	Optional
ESP to GDC Request:	Only NJNG
<a href="#">GDC to ESP</a> Response:	Not Used

**Example:**

REF\*NH\*RS1 (GDC to ESP Request)

REF\*NH\*CTB (ESP to GDC Request)

#### Data Element Summary

Ref.	Data			
Des.	Element	Name		X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			NH Rate Card Number	
			Identifies a GDC rate class or tariff	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

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**Segment:** REF **Reference Identification (PR = GDC Rate Subclass)**  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Notes:** If an GDC Rate Subclass is changed and all meters on the account have the same GDC Rate Subclass, the NM1 segment will contain NM1\*MQ\*3\*\*\*\*\*32\*ALL.  
  
If an GDC Rate Subclass is changed, and it only applies to one or some meters, the NM1 segments will contain the specific meter number. If it applies to multiple meters (but not all of the meters on the account), multiple NM1 loops must be sent – one for each meter.  
  
If only the GDC Rate Subclass is changed, the associated REF\*TD will be REF\*TD\*REFPR.  
  
If the Temperature Sensitive Delivery Option is being changed, this will be sent from the ESP to the GDC.

**NJ Use:** GDC to ESP Request: Optional  
ESP to GDC Accept Response: Not Used  
ESP to GDC Reject Response: Optional

ESP to GDC Request: Required for New Jersey Natural Gas only, for a change in the Temperature Sensitive Delivery Option  
  
This is a transportation service designed to provide a closer link of Supplier city gate requirements (daily nominations) relative to the customer's monthly usage. (Selection of this option directly effects the method by which NJNG computes a Suppliers delivery requirements)  
Valid value:  
Y - Yes  
N - No

GDC to ESP Response: Not Used

**Example:** REF\*PR\*123 (GDC to ESP Request)  
REF\*PR\*Y (ESP to GDC Request)

**Data Element Summary**

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			PR Price Quote Number	
			GDC Rate Subclass – Used to provide further classification of a rate.	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

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Segment:

**REF** Reference Identification (PRT = Type of Service)

- Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>NJ Use:</b>	Request:	Required for New Jersey Natural Gas customers
	Response:	Not Used
<b>Example:</b>	REF*PRT*Y	
	REF*PRT*N	

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification PRT Product Type Type of Service – Used to provide choice of Capacity Release Option.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Required for New Jersey Natural Gas customers only <b>Capacity Release Options</b> This is an option a supplier may select to enroll a customer/meter which will prompt NJNG to release pipeline capacity, on a monthly basis, for Supplier use on behalf of the customer. The supplier may nominate the quantity of gas to NJNG's city gate or another utility if they choose. Valid values: Y - YES N - NO	X AN 1/30

**Segment:** **REF** Reference Identification (RB = ESP Rate Code)

**Position:** 130

**Loop:** NM1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
  - 2 If either C04003 or C04004 is present, then the other is required.
  - 3 If either C04005 or C04006 is present, then the other is required.
- Semantic Notes:**
- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Notes:** If an ESP Rate Code is changed, the NM1 segment will contain NM1\*MQ\*3\*\*\*\*\*32\*ALL.

If only the ESP Rate Code is changed, the associated REF\*TD will be REF\*TD\*REFRB.

**NJ Use:** Required by NJNG only if GDC Rate Ready billing option is selected for customer. Allows a supplier to choose between three calculation methods to derive a customer's total bill. The actual rate used in the calculation is provided at the meter level using segment REF\*BN

**Valid calculation values and description:**

1 - % discount, A percentage discount off what the customer would have been billed at NJNG's Non-Transportation rates.

4 - per therm rate. A commodity rate applied to customers metered consumption

5 - rebundled flat rate or Burner tip price. A straight per therm rate relative to the customers metered consumption, which is inclusive of all fixed charges.

In the case of a multi-metered account a supplier must apply the same option value (1,4 or 5) to each meter, however they could have a different rate per meter (REF\*BN). In other words, meter 1 could not be opt( 5 )and meter 2 option (4), however, meter 1 could be opt (5) rate 0.345 and meter 2 could be opt (5) and rate .456.

GDC to ESP Request: Not Used

ESP to GDC Response: Not Used

ESP to GDC Request: Optional

GDC to ESP Accept Response: Not Used

GDC to ESP Reject Response: Optional

**Example:** REF\*RB\*A29

**Data Element Summary**

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			RB Rate code number	
			ESP Rate Code for the customer	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

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Segment: **REF** Reference Identification (SJ = Maximum Daily Quantity (MDQ))

Position: 130

Loop: NM1 Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

NJ Use: Used by New Jersey Natural Gas Only

Request: Required for New Jersey Natural Gas Only if MDQ changes, only set by NJNG. This segment provides NJNG the ability to notify the ESP of a customer's changed MDQ for all transportation service options that a customer is eligible. Enabling the ESP to choose to change customer's transportation service option. All transportation service options are available. However all transportation service options are not eligible for the EDI process. See "Electronic Data Exchange and Protocol Process Flows for Gas Deregulation in The State of New Jersey;" or other documents for additional information. ESP requests change of eligible transportation service options through use of the REF\*NH segment.

Response: Not Used

Example: REF\*SJ\*10.90\*SCR

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			SJ Set Number	
			Maximum Daily Quantity (MDQ)-	
			This is on the calculated HMAD to derive a value for a customer's peak day usage. Since this is a function of HMAD it also is initially set and subject to monthly review to determine if changes are warranted based on customer usage. This value is a fixed billable unit in NJNGs Tariff.	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			Note	
			The two values (MDQ/HMAD) are used to derive the other fixed billable unit (Maximum Daily Balance Quantity) (MDB): This is the maximum quantity of gas balanced, by NJNG, for a customer/meter on a daily basis. NJNG does not need a home for MDB as it is calculated as follows (MDQ less HMAD = MDB; Value in format 9(15).2	

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G-ig814Cv\_1-9.doc

					<b>December 12, 2003</b>	Deleted: November 30, 2001
					DRAFT Version 1.9	Deleted: 7
<b>Optional</b>	<b>REF03</b>	<b>352</b>	<b>Description</b>	<b>X</b>	<b>AN 1/80</b>	Deleted: Must Use
A free-form description to clarify the related data elements and their content						
Used to further describe the MDQ sent in REF02. Identifies available transportation service for this MDQ.						
Valid values are CTB, SCR, FT. Segment will be repeated for all transportation services for which the customer is eligible						

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	Inserted: G-ig814Cv_1-9
	Deleted: ig814Cv_1-7

**Segment:** REF **Reference Identification (TZ = GDC Meter Read Cycle)**  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Notes:** Since all meters on an account have the same meter reading schedule, the NM1 segment associated with a change in meter read cycle will be NM1\*MQ\*3\*\*\*\*\*32\*ALL.

The associated REF\*TD will be REF\*TD\*REFTZ.

**NJ Use:** GDC to ESP Request: Optional  
ESP to GDC Accept Response: Not Used  
ESP to GDC Reject Response: Optional

ESP to GDC Request: Not Used  
GDC to ESP Response: Not Used

**Example:** REF\*TZ\*15

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification TZ Total Cycle Number GDC Meter Cycle. Cycle number when the meter will be read.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

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**Segment:** REF **Reference Identification (MT = Meter Type)**  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**NJ Use:** There will be only be one REF\*MT segment for each NM1 loop.

GDC to ESP Request:	Required for change of Meter Type, Meter Multiplier, # Dials and Type of usage sent on 867
ESP to GDC Accept Response:	Not Used
ESP to GDC Reject Response:	Optional
ESP to GDC Request:	Not Used
GDC to ESP Response:	Not Used

**Example:** REF\*MT\*HHMON

**Data Element Summary**

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			MT Meter Ticket Number	
			Meter Type	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			When REF01 is MT, the meter type is expressed as a five-character field. The first two characters are the type of consumption, the last three characters are the metering interval.	
			Type of Consumption	
			HH Hundred Cubic Feet	
			TZ Thousand Cubic Feet	
			Metering Interval	
			MON Monthly	
			For Example:	
			HHMON Hundred Cubic Feet Per Month	
			TZMON Thousand Cubic Feet Per Month	

Segment:	<b>REF</b>	Reference Identification (4P = Meter Constant (Meter Multiplier))
Position:	130	
Loop:	NM1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying information	
Syntax Notes:	<ol style="list-style-type: none"><li>At least one of REF02 or REF03 is required.</li><li>If either C04003 or C04004 is present, then the other is required.</li><li>If either C04005 or C04006 is present, then the other is required.</li></ol>	
Semantic Notes:	<ol style="list-style-type: none"><li>REF04 contains data relating to the value cited in REF02.</li></ol>	

Comments:

**NJ Use:** There will be one REF\*4P segment for each Meter Type. This means that there may be more than one REF\*4P segment per meter.

GDC to ESP Request: Optional  
ESP to GDC Accept Response: Not Used  
ESP to GDC Reject Response: Optional

ESP to GDC Request: Not Used  
GDC to ESP Response: Not Used

**Example:** REF\*4P\*10\*HHMON  
REF\*4P\*100\*TZMON

Data Element Summary

	Ref.	Data			
	Des.	Element	Name	X12 Attributes	
Must Use	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			4P		
			Affiliation Number		
			Meter Constant (Meter Multiplier)		
			(Ending Reading – Beginning Reading) * Meter		
			Multiplier = Billed Usage		
Must Use	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Must Use	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			Meter Type (see REF*MT for valid codes).		

**Segment:** **REF** **Reference Identification (IX = Number of Dials)**

**Position:** 130

**Loop:** NM1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**NJ Use:** There will be one REF\*IX segment for each Meter Type. This means that there may be more than one REF\*IX segment per meter.

GDC to ESP Request: Optional  
 ESP to GDC Accept Response: Not Used  
 ESP to GDC Reject Response: Optional

ESP to GDC Request: Not Used  
 GDC to ESP Response: Not Used

**Examples:** REF\*IX\*6.0\*HHMON  
 REF\*IX\*5.1\*TZMON  
 REF\*IX\*4.2\*TZMON

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b>	M ID 2/3
			Code qualifying the Reference Identification	
			IX	Item Number
				Number of Dials on the Meter displayed as the number of dials to the left of the decimal, a decimal point, and the number of dials to the right of the decimal.
Must Use	REF02	127	<b>Reference Identification</b>	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Must Use	REF03	352	<b>Description</b>	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			Meter Type (see REF*MT for valid codes).	

# Dials	Positions to left of decimal	Positions to right of decimal	X12 Example
6	6	0	REF*IX*6.0
6	5	1	REF*IX*5.1
6	4	2	REF*IX*4.2

**Segment:** **REF** **Reference Identification (TU = Type of metering information)**  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**NJ Use:** There will be one REF\*TU segment for each Time Of Use reading (for each meter type for each meter) that will be provided on the 867.

GDC to ESP Request: Optional  
ESP to GDC Accept Response: Not Used  
ESP to GDC Rejection Response: Optional

ESP to GDC Request: Not Used  
GDC to ESP Response: Not Used

Deleted: Accept

**Example:** REF\*TU\*41\*HHMON  
REF\*TU\*42\*TZMON  
REF\*TU\*51\*TZMON

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification TU Trial Location Code Used to indicate the type of metering information that will be sent on the 867 transaction.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier 41 Off Peak 42 On Peak 43 Intermediate Peak 51 Totalizer	X AN 1/30
Must Use	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content Meter Type (see REF*MT for valid codes).	X AN 1/80

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Segment: **SE** Transaction Set Trailer  
Position: 150  
Loop:  
Level: Detail  
Usage: Mandatory  
Max Use: 1  
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:  
Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

PA Use:	Required
NJ Use:	Required
DE Use for Connectiv:	Required
Example:	SE*28*000000001

Data Element Summary

Ref.	Data		
Des.	Element	Name	X12 Attributes
Must Use	SE01	96 Number of Included Segments	M N0 1/10 Total number of segments included in a transaction set including ST and SE segments
Must Use	SE02	329 Transaction Set Control Number	M AN 4/9 Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set



## EXAMPLES

### Example: Change Request – Adding Two Meters

Note: One NM1 Loop is provided for each Meter that is added to the account.

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Request Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change
NM1*MA*3*****32*12345678MG	Start of Meter Addition Loop, Meter Number of meter being added
REF*TD*NM1MA	Change Reason indicating Meter Addition
REF*NH*GS1	GDC Rate Class of New Meter
REF*PR*123	GDC Rate Subclass of New Meter
REF*RB*0300	ESP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*COMBO	Meter Type of New Meter
REF*4P*1*HHMON	Meter Constant of New Meter
REF*IX*5.0*HHMON	Number of Dials on New Meter
REF*TU*51*HHMON	Consumption provided on the 867
NM1*MA*3*****32*333333N	Start of second Meter Addition Loop, Meter Number being added
REF*TD*NM1MA	Change Reason indicating Meter Addition
REF*NH*GS1	GDC Rate Class of New Meter
REF*PR*123	GDC Rate Subclass of New Meter
REF*RB*0300	ESP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*TZMON	Meter Type of New Meter
REF*4P*1*TZMON	Meter Constant of New Meter
REF*IX*5.0*TZMON	Number of Dials on New Meter
REF*TU*51*TZMON	Totalized consumption will be provided on 867

**Example: Accept Change Response – Adding Two Meters**

Note: One NM1 Loop is provided for each Meter that is added to the account.

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Reject Change Response – Adding Two Meters**

Note: One NM1 Loop is provided for each Meter that is added to the account.

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Request – Removing Two Meters from an Account**

Note: One NM1 Loop is provided for each Meter that is removed from the account.

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Request Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change
NM1*MR*3*****32*345673R	Start of Meter Removal Loop, Meter Number of meter being removed
REF*TD*NM1MR	Change code indicating Meter Removal
NM1*MR*3*****32*235564R	Start of second Meter Removal Loop, Meter number of meter being removed
REF*TD*NM1MR	Change code indicating Meter Removal

**Example: Accept Change Response – Removing Two Meters from an Account**

Note: One NM1 Loop is provided for each Meter that is removed from the account.

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Reject Change Response – Removing Two Meters from an Account**

Note: One NM1 Loop is provided for each Meter that is removed from the account.

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Request – One-to-One Meter Exchange**

One old meter is being replaced with one new meter

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Request Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change
NM1*MX*3*****32*334545R	Start of Meter Exchange Loop, Meter Number being added
REF*46*345573R	Old Meter Number – indicates that this was a meter exchange
REF*TD*NM1MX	Change Reason indicating Meter Exchange
REF*NH*GS1	GDC Rate Class of New Meter
REF*PR*123	GDC Rate Subclass of New Meter
REF*RB*0300	ESP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*TZMON	Meter Type of New Meter
REF*4P*1*TZMON	Meter Constant of New Meter
REF*IX*5.0*TZMON	Number of Dials on New Meter
REF*TU*51*TZMON	Consumption provided on the 867

**Example: Accept Change Response – One-to-One Meter Exchange**

One old meter is being replaced with one new meter

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

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**Example: Reject Change Response – One-to-One Meter Exchange**

One old meter is being replaced with one new meter

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Request – Two-to-One Meter Exchange**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Request Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change
NM1*MX*3*****32*334545R	Start of Meter Exchange Loop, Meter Number being added
REF*TD*NM1MX	Change Reason indicating Meter Exchange
REF*46*335573R	Old Meter Number, indicating meter exchange
REF*NH*GS1	GDC Rate Class of New Meter
REF*PR*123	GDC Rate Subclass of New Meter
REF*RB*0300	ESP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*HHMON	Meter Type of New Meter
REF*4P*1*HHMON	Meter Constant of New Meter
REF*IX*5.0*HHMON	Number of Dials on New Meter
REF*TU*51*HHMON	Consumption provided on the 867
NM1*MR*3*****32*12345678MG	Start of Meter Removal Loop, Meter Number being removed
REF*TD*NM1MR	Change Reason indicating Meter Removal

**Example: Accept Change Response – Two-to-One Meter Exchange**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Reject Change Response – Two-to-One Meter Exchange**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Request – One-to-Two Meter Exchange**

Note that the Old Meter Number (REF\*46) is the same for both of the Meter Addition Loops. This indicates that one meter was exchanged for two meters.

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Request Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change
NM1*MX*3*****32*334545R	Start of Meter Exchange Loop, Meter Number being added
REF*TD*NM1MX	Change Reason indicating Meter Exchange
REF*46*345573R	Old Meter, indicating that this is a Meter Exchange
REF*NH*GS1	GDC Rate Class of New Meter
REF*PR*123	GDC Rate Subclass of New Meter
REF*RB*0300	ESP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*TZMON	Meter Type of New Meter
REF*4P*1*TZMON	Meter Constant of New Meter
REF*IX*5.0*TZMON	Number of Dials on New Meter
REF*TU*51*TZMON	Consumption provided on the 867
NM1*MA*3*****32*12345678MG	Start of second Meter Addition Loop, Meter Number being added
REF*TD*NM1MA	Change Reason indicating Meter Addition
REF*NH*GS1	GDC Rate Class of New Meter
REF*PR*123	GDC Rate Subclass of New Meter
REF*RB*0300	ESP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*HHMON	Meter Type of New Meter
REF*4P*1*HHMON	Meter Constant of New Meter
REF*IX*5.0*HHMON	Number of Dials on the New Meter
REF*TU*51*HHMON	Consumption provided on the 867

**Example: Accept Change Response – One-to-Two Meter Exchange**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Reject Change Response – One-to-Two Meter Exchange**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

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**Example: Change Request – Metered-to-Unmetered Exchange**

One old meter is being replaced with Unmetered

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Request Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change
NM1*MX*3*****32*UNMETERED	Start of Meter Exchange Loop
REF*46*345573R	Old Meter Number – indicates that this was a meter exchange
REF*TD*NM1MX	Change Reason indicating Meter Exchange

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Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7



**Example: Accept Change Response – Metered-to-Unmetered Exchange**

One old meter is being replaced with Unmetered

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*I*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Reject Change Response – Metered-to-Unmetered Exchange**

One old meter is being replaced with Unmetered

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*I*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Request – ESP Changing Rate Ready Rate Code**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*I*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Request Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
NM1*MQ*3*****32*334545R	Start of Meter Attribute Change Loop, Meter Number
REF*TD*REFRB	Change reason indicating Rate Code change
REF*RB*A29	New Rate Code

**Example: Accept Change Response – ESP Changing Rate Ready Rate Code**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Reject Change Response – ESP Changing Rate Ready Rate Code**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Request – Meter Attribute(s) Change**

Scenario: The GDC determines that an incorrect number of dials was sent on the Enrollment Response. The GDC sends a change request and includes all meter attributes.

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BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Request Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change
NM1*MQ*3*****32*334545R	Start of Meter Attribute Change Loop, Meter Number
REF*TD*NM1MQ	Change Reason indicating Change of Meter Attribute
REF*MT*HHMON	Meter Type of New Meter
REF*4P*1*HHMON	Meter Constant of New Meter
REF*IX*6.0*HHMON	Number of Dials on New Meter
REF*TU*51*HHMON	Consumption provided on the 867

**Example: Accept Change Response – Meter Attribute Change**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

**Example: Reject Change Response – Meter Attribute Change**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Request – GDC Rate Class and Subclass Change – for specific meter**

Scenario: The GDC changes the Rate Class. They also send along the Rate Subclass as a change so that the ESP can very clearly understand what has changed.

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BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Request Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change
NM1*MQ*3*****32*334545R	Start of Meter Attribute Change Loop, Meter Number
REF*TD*REFNH	Change Reason indicating GDC Rate Class
REF*TD*REFPR	Change Reason indicating GDC Rate Subclass
REF*NH*GS1	New GDC Rate Class
REF*PR*123	Existing GDC Rate Subclass

**Example: Accept Change Response – GDC Rate Class and Subclass Change – for specific meter**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Reject Change Response – GDC Rate Class and Subclass Change – for specific meter**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S* <u>GDC</u> COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name

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Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

December 12, 2003

DRAFT Version 1.9

Deleted: November 30, 2001

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LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Request – GDC Rate Class and Subclass Change – for ALL meters**

Scenario: The GDC changes the Rate Class. They also send along the Rate Subclass as a change so that the ESP can very clearly understand what has changed.

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*I*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Request Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change
NM1*MQ*3*****32*ALL	Start of Meter Attribute Change Loop, Meter Number
REF*TD*REFNH	Change Reason indicating GDC Rate Class
REF*TD*REFPR	Change Reason indicating GDC Rate Subclass
REF*NH*GS1	New GDC Rate Class
REF*PR*123	Existing GDC Rate Subclass

Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

**Example: Accept Change Response – GDC Rate Class and Subclass Change – for ALL meters**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S* <u>GDC</u> COMPANY*I*007909411**40	<u>GDC</u> Name, <u>GDC</u> DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

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**Example: Reject Change Response – GDC Rate Class and Subclass Change – for ALL meters**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number, transaction creation date, and original transaction reference number from request transaction
N1*8S* <u>GDC</u> COMPANY*I*007909411**40	<u>GDC</u> Name, <u>GDC</u> DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

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**Example: Request – Change in Meter Read Cycle (no switch pending)**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*I*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Request Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change
NM1*MQ*3*****32*ALL	Start of Meter Attribute Change Loop, Meter Number
REF*TD*REFTZ	Change Reason indicating Meter Cycle
REF*TZ*15	New Meter Cycle

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Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

**Example: Accept Response – Change in Meter Read Cycle**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Reject Response – Change in Meter Read Cycle**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

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**Example: Change Request – Customer Name and/or Service Address**

Scenario: The post office changes the customer's postal address and the customer notices a spelling error on his name. Note that the Change document can only be used to make changes to the existing account, it cannot be used for a customer move.

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	New Customer Name
N3*123 N MAIN ST*MS FLR13	New service address for Customer
N4*ANYTOWN*PA*18111	New service address for Customer
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Request Change
REF*TD*N18R	Change Reason indicating Customer Address Change
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Change Date

Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

**Example: Change Accept Response – Customer Service Address**

BGN*11*1999040212001*19990401***1999040111956531	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Reject Response – Customer Service Address**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Request – Billing Cycle**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Change Request
REF*TD*REFBF	Change Reason indicating change in Billing Cycle
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
REF*BF*18	New Billing Cycle
DTM*007*19990415	Effective Date of Change



**Example: Accept Response – Change Billing Cycle**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Response
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Reject Response – Change Billing Cycle**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

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**Example: Change Request – DUAL bill to GDC Rate Ready**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Change Response
REF*TD*REFBLT	Change Reason indicating change in BILL Type
REF*TD*REFPC	Change Reason indicating change in Production Code
REF*TD*AMTDP	Change Reason indicating change in Tax Exemption
REF*TD*AMTRJ	Change Reason indicating change in Rate Amount
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
REF*BLT*GDC	New Billing Type
REF*PC*GDC	New Bill Calculator
AMT*DP*.75	New Tax Exemption Percentage
AMT*RJ*.0345	New Rate Amount

Deleted: LDC

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Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

**Example: Change Accept Response – DUAL bill to GDC Rate Ready**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Request
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Change Reject Response – DUAL bill to GDC Rate Ready**

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BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Request – DUAL to Bill Ready**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Change Request
REF*TD*REFBLT	Change Reason indicating change in Billing Type
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
REF*BLT* <u>GDC</u>	New Billing Type

Deleted: LDC

Deleted: G-ig814Cv\_1-9

Inserted: G-ig814Cv\_1-9

Deleted: ig814Cv\_1-7

**Example: Change Accept Response – DUAL to Bill Ready**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Request
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Change Reject Response – DUAL to Bill Ready**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Change Request – Bill Ready to DUAL**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*7*001	Change Request
REF*TD*REFBLT	Change Reason indicating change in Billing Type
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
REF*BLT*DUAL	New Billing Type

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**Example: Accept Response – Bill Ready to DUAL**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas services
ASI*WQ*001	Accept Change Request
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Reject Response – Bill Ready to DUAL**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Accept Response – Change in Percentage of Service Supplied – (N/A)**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Request
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Request – Change in Percentage of Service Tax Exempt**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Change Request
REF*TD*AMTDP	Change Reason Indicating change in Percentage of service
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
AMT*DP*1	New Tax Exemption Percentage

**Example: Accept Response – Change in Percentage of Service Tax Exempt**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Request
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Reject Response – Change in Percentage of Service Tax Exempt**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Accept Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Request - Change Service Period Start**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Change Request
REF*TD*DTM150	Change Reason Indicating change in Service Start Date
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*150*19990415	Change in Effective Start Date

**Example: Accept Response - Change Service Period Start**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Request
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Reject Response - Change Service Period Start**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Request - Change Service Period End**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Change Request
REF*TD*DTM151	Change Reason Indicating change in Service End Date
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*151*19990415	Change in Effective End Date

**Example: Accept Response - Change Service Period End**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Request
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Reject Response - Change Service Period End**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Request - Change in Party to receive copy of bills**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
N1*2C*THOMOS SMITH	Change in Party to receive copy of bills
N3*4251 S ELECTRIC ST*MS 25	Change in address of the Party to receive copy of bills
N4*ANYTOWN*PA*18111	Change in address of the Party to receive copy of bills
PER*IC*THOMAS SMITH*TE*8005552878*FX8005556789*EM*CUSTOMER@SERVICE.COM	Change in contact info of the Party to receive copy of bills
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Change Request
REF*TD*N12C	Change Reason Indicating change in Party to receive copy of bills
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Accept Response - Change in Party to receive copy of bills**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Request
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number



**Example: Reject Response - Change in Party to receive copy of bills**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Request - Delete Party to receive copy of bills**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Change Request
REF*TD*N12C*D	Change Reason Indicating change in Party to receive copy of bills
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Accept Response - Delete Party to receive copy of bills**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Request
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Reject Response - Delete Party to receive copy of bills**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Request - Change in Billing Address**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
N1*BT*THOMOS SMITH	Change in Billing Address
N3*4251 S ELECTRIC ST*MS 25	Change in Billing Address
N4*ANYTOWN*PA*18111	Change in Billing Address
PER*IC*THOMAS SMITH*TE*8005552878*FX8005556789*EM*CUST OMER@SERVICE.COM	Change in Billing Address contact
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Change Request
REF*TD*N1BT	Change Reason Indicating change in Billing Address
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Accept Response - Change in Billing Address**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Request
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Reject Response - Change in Billing Address**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Request – Change ESP Account Number for Customer**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Change Request
REF*TD*REF11	Change Reason Indicating change in assigned account number for end use customer
REF*11*3452344567	New ESP Account Number
REF*12*2931839200	GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Accept Response - Change ESP Account Number for Customer**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Request
REF*11*3452344567	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Reject Response - Change ESP Account Number for Customer**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*3452344567	ESP Account Number
REF*12*2931839200	GDC Account Number

**Example: Request – Change GDC Account Number for Customer**

BGN*13*1999040111956531*19990401	Request, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*7*001	Change Request
REF*TD*REF45	Change Reason Indicating change in assigned account number for end use customer
REF*11*3452344567	ESP Account Number
REF*12*2931839200	New GDC Account Number
REF*45*0931839200	Old GDC Account Number
DTM*007*19990415	Effective Date of Change

**Example: Accept Response - Change GDC Account Number for Customer**

BGN*11*1999040212001*19990401***1999040111956531	Response, unique transaction identification number and transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*GAS*SH*CE	Unique transaction reference number, gas service
ASI*WQ*001	Accept Change Request
REF*11*3452344567	ESP Account Number
REF*12*2931839200	New GDC Account Number
REF*45*0931839200	Old GDC Account Number

**December 12, 2003**

DRAFT Version 1.9

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**Example: Reject Response - Change GDC Account Number for Customer**

<u>BGN*11*1999040212001*19990401***1999040111956531</u>	<u>Response, unique transaction identification number and transaction creation date</u>
<u>N1*8S*GDC COMPANY*1*007909411**41</u>	<u>GDC Name, GDC DUNS information, submitter</u>
<u>N1*SJ*ESP COMPANY*9*007909422ESP1**40</u>	<u>ESP Name, ESP DUNS information, receiver</u>
<u>N1*8R*CUSTOMER NAME</u>	<u>Customer Name</u>
<u>LIN*CHG1999123108000001*SH*GAS*SH*CE</u>	<u>Unique transaction reference number, gas service</u>
<u>ASI*U*001</u>	<u>Reject Change Request</u>
<u>REF*7G*A76*ACCOUNT NOT FOUND</u>	<u>Reject Reason</u>
<u>REF*11*3452344567</u>	<u>ESP Account Number</u>
<u>REF*12*2931839200</u>	<u>New GDC Account Number</u>
<u>REF*45*0931839200</u>	<u>Old GDC Account Number</u>

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